



**NURSING AND MIDWIFERY COUNCIL OF NIGERIA**

ESTABLISHED BY NURSING AND MIDWIFERY (REGISTRATION ETC.)  
ACT. CAP. N143, LAWS OF THE FEDERATION OF NIGERIA, 2004

**SUPPORTED BY:**



# **MINIMUM REQUIREMENTS** **POST BASIC NURSING** **EDUCATION IN NIGERIA**

**PROMOTING AND MAINTAINING EXCELLENCE IN  
NURSING EDUCATION AND PRACTICE**

**DECEMBER, 2016**



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# **MINIMUM REQUIREMENTS**

# **POST BASIC NURSING**

# **EDUCATION IN NIGERIA**

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*...Promoting and maintaining excellence in nursing education and practice*

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## 1.0 **POST BASIC NURSING EDUCATION**

For an institution to be approved as a School for Post Basic Nursing Education, it must have the following:

### 1.1 **GENERAL**

- Evidence of Law, Act or Edict establishing the institution
- At least a provisional Approval by the Nursing and Midwifery Council of Nigeria.
- A Comprehensive Institution Curriculum derived from the Nursing and Midwifery Council of Nigeria's Curriculum for Post Basic Nursing Education which clearly states the following:

-Philosophy and Objectives of the School/Programme

-Contents adapted to local environment and peculiarity of the specialty area.

- Institution Records:
  - i. Staff files
  - ii. Students' files
  - iii. Administrative/Institution procedures/policies
  - iv. Examination file
  - v. Minutes of the Institution/programme and committees meetings
  - vi. Institution Scatter gram and Time Table
  - vii. Institution Organogram
  - viii. Students' Handbook
- Institution Committees (as recommended by the N&MCN)
  - a. Examination Committee
  - b. Disciplinary/Welfare Committee
  - c. Education Committee (Admission, Research, Curriculum)
  - d. Procedure/Clinical Committee
  - e. Sports/Recreation Committee
- Instructional Manuals for the programmes( ref. appendix i)

### 1.2 **PHYSICAL FACILITIES**

There must be an Institutional Building which consists of the following:

- Two large classrooms that can seat at least fifty (50) Students comfortably
- A minimum of one (1) Tutorial Rooms Room.
- One large Auditorium with a seating capacity of at least One hundred (100)
- Coordinator's office with an attached Confidential Secretary's office.
- Offices for staff with a maximum of two (2) Educators to an office.
- Administrative Staff Offices
- Students' Common Room (see appendix ii)
- Toilet facilities for Students (Maximum of one toilet to 10 students).
- Toilet facilities for staff (Maximum of 3 staff to a toilet).
- Stores
- A Library with the following:
  - a. Seating Capacity of at least Twenty-five to Thirty (25-30)



- b. Book Shelves
  - c. Magazine Stands
  - d. Minimum requirements of books as prescribed by the Nursing and Midwifery Council of Nigeria (see Appendix iii)
- Demonstration Laboratory that contains the minimum equipment as prescribed for Post Basic Nursing schools/programmes by the Nursing and Midwifery Council of Nigeria. (see Appendix iv)
  - Hospital based clinical experience area (see appendix v)
  - Community based experience area (see appendix vi).
  - A Computer unit with a maximum of 5 students to a work station with internet connectivity.

### **STAFFING**

- The Coordinator of the Post Basic Nursing Institution/Programme must be a holder of a Bachelor of Nursing or Nursing Science Degree, registered and licensed with the Nursing and Midwifery Council of Nigeria as a Clinical Specialist and Educator.
- There must be a minimum of 5 Educators for a programme to be viable.
- The Nursing and Midwifery Council of Nigeria's approved Educator: Student ratio for Post Basic Nursing Institution/ Programme in Nigeria is 1: 6. There must be a full complement of Nurse Educators, Guest Lecturers in all Specialties, administrative and support staff as contained in the approved Curriculum.

### **COMMUNICATION**

- There must be functional Telephone System for both internal and external communication.
- The Institution must have an E-mail Address

### **TRANSPORT**

- There must be an official car for the office of the Coordinator
- There must be a functional Institution Bus (minimum of 32-seater): that will be for the use of the Institution/Programme.

### **SAFETY DEVICES**

- There must be functional Fire Fighting Equipment placed at strategic locations all over the Institution/Hostel Buildings.
- There should be emergency exits.
- There must be designated muster point(s).

### **ESSENTIAL SERVICES**

There must be:

- Running Pipe Borne Water
- Electricity Supply/Stand-by Generator capacity 100KVA



- Refuse Disposal System.
- Recreational facilities for indoor and outdoor games.
- Good road network, horticulture and landscaping.

### **STUDENTS' HOSTELS.**

There must be separate hostels for male and female students with the following:-

- A room for Two (2) Students with wardrobes, reading tables/chairs
- Toilets and Bathrooms 5 to 10 in number (a maximum of 3 students to a toilet/bathroom).
- Laundry Facilities
- Sick Bay
- Common Room/Visitors' Room
- Reading Rooms (optional)
- Kitchenette

#### **Students' Hostel staff must include a minimum of :-**

- Hostel Master/Mistress - 1
- Registered Nurses for the sick bay -2
- Security Guards -3
- Cleaners - 3

### **1.3 ADMINISTRATIVE PROCEDURES**

The Institution must have laid down institutional policies which ensure due process for the following:

- Admission of Students
- Staff Recruitment
- Staff Welfare
- Incentive/Reward for hard work
- Job Allocation/Assignments
- Continuing Professional Development Programmes for Staff
- Guidance and Counseling for students.
- Mentorship for staff
- Students welfare.

### **1.4 FUNDING**

- Budgetary Allocation
- Monthly Imprest
- Internally Generated Revenue



## LIST OF APPENDICES

### **Appendix I**

Instructional Manuals /Materials:

- Procedure manual
- White Board with Marker 1
- Schedule /Clinical experience Book
- Multimedia System 1
- Lap top 1
- Flip Charts (Various Systems and organs)
- Models (Various organs)
- Slides (Relevant to Procedures)

### **Appendix II**

**Physical Facilities:**

- A minimum of two large adequately furnished and comfortable Classrooms that can seat at least fifty (50) Students comfortably
- A minimum of one (1) Tutorial Room
- One large Auditorium with a seating capacity of at least One hundred (100)
- Co-coordinator's office with an attached Confidential Secretary's office.
- Staff offices with a maximum of two Tutors to an office.
- Adequate number of Administrative Staff Offices with facilities for Computer Typing and Photocopy.
- Students' Common Room

### **SCHOOL FURNITURE: (MINIMUM)**

#### **COORDINATOR'S OFFICE:**

Executive chair and table	1
Fireproof cabinet	1
Refrigerator	1
Metal cabinet	1
Book shelf	1
Air conditioning unit	1
Floor should be rugged/terrazzo	1
Convenience	1
Desk top Computer and printer	1
Upholstery Chair	1 Set
Visitors' Chairs	2

#### **COORDINATOR'S SECRETARY'S OFFICE:**



Fire proof cabinet	1
Office chair and table	1
Visitor's chair	2
Metal cabinet	2
Refrigerator	1
Air-conditioner	1
Desk top computer and printer	1
Photocopier	1
Scanner	1

**EDUCATORS' OFFICE:**

Office chair and table	2
Visitor's chair	2
Book shelf	1
Metal cabinet	2
Refrigerator	1
Air-conditioner	1

**STAFF COMMON ROOM:**

Television	1
Refrigerator	1
Upholstery chair	A set of 8 settee
Side stools	A set
Cupboard with Kettle, tea cups etc.	

**STUDENT'S COMMON ROOM:**

Television	1
Refrigerator	1
Upholstery chairs	1set
Side stools	1set

**Appendix IV**

**Staffing:**

**MINIMUM NUMBER**

- Nurse Educators  
(with Clinical Specialization )-Tutor: Student ratio of 1:6
- Clinical Instructors – 1
- Preceptors - 2
- Guest Lecturers in all Specialty Areas ....  
(As applicable)
- Librarian 1
- Library Attendant 1
- Confidential Secretary 1
- Secretarial staff 1



## Appendix V

### Practical Demonstration Room:

The Practical Demonstration Room must be a large room with the following characteristics:

- Big enough to accommodate facilities for Practical Demonstration of all procedures related to the Post Basic Nursing programme.

Size A– Minimum 24/48 ft to accommodate at least 50 students per group

Size B– Minimum 18/36 ft to accommodate at least 25 students per group

- Located within the School building
- Well ventilated
- Good lighting
- Adequate location and points for electrical appliances and equipment.

a. **EQUIPMENT**

b. **FURNITURE**

ITEM Minimum Quantity

- Teachers Table and Chair .....1
- Students Chairs .....25
- Patients Bed and Bed Accessories ..... 2
- Wall Clock .....1

c. **MODELS**

d. **DRUGS**



## Appendix VI

### MINIMUM REQUIREMENTS POST BASIC ORTHOPAEDIC NURSING PROGRAMME.

#### LIST OF RELEVANT TEXT BOOKS

1. Appleys system of Orthopaedic and Fractures by Solomon and Warwick
2. Medical and Surgical Nursing by Suzan C. Smelter, Branda G. Bare, Janice L. Hinkle, Kerry H. Cheever.
3. Orthopaedic Nursing and Rehabilitation by Powel Mary.
4. First Aid Manual by St. Johns Ambulance and British Red Cross
5. Clinical Pharmacology and Nursing by Charoid I. Baex and Co.
6. Nurses Dictionary by B. Tinidall.
7. Anatomy and Physiology for Nurses by Roger Watson.
8. Pharmacology for Nurses and Allied Health Professions by Cletus and Ogbuokari
9. Behavioral Science for Nurses by Henry Y. Akinsola
10. First Aid for Nurses by T. K. Indrani
11. Handbook of Orthopaedics by Hitesh Gopaian U
12. Manual of Orthopaedics by Marc Swiontkowski Steven D. Stovitz
13. Practical Orthopaedics by Sureshwar Pandey Anikumar Pandey
14. Textbook of Orthopaedic by John Ebenezer
15. Clinical Orthopaedics by Sureshwar Pandey Anilkumar Pandey
16. Textbook of Orthopaedics by John Ebenezer
17. Orthopaedic Nursing Programme approach by Brauner N. A.



18. Lecture Notes Orthopaedic and Fractures by Luckworth T.
19. Illustrated guide to Orthopaedic Nursing by Farrel L.
20. Textbook of Orthopaedic Nursing by Roaf R. Hodkinson I.
21. Adult Orthopaedic Nursing by Delores Cschoen
22. Pharmacology for Nurses and Allied Health Profession by Eletus and Ogbuokiri
23. Foundation of Anatomy and Physiology by Ross and Wilson
24. Cast Manual for Adult and Children by Frecular and Weidimer
25. Atlas of Orthopaedic Surgical Approaches by C. C. Cohon
26. Handbook of Splinting and Casting by Drs. Stephen Thompson and Dan A.
27. Orthopaedic Cast by Wikipedia
28. Prosthetic and Orthotics by Donald Shurr.
29. Human Anatomy and Physiology by Elaine N. Mariels
30. Human Anatomy and Physiology by Seeley, Stevens and Tate
31. Human Anatomy by McKinley, Micheal and Loughlin, Valeric Dean O.
32. Watson's Clinical Nursing and Related Science by Mike Walsh and Alison
33. Clinical Orthopaedic Examination by Ronald McRae
34. Outline of Fractures and Orthopaedics by Crawford Adams
35. Outline of Fractures Crawford Adams
36. Practical Fracture Treatment by Ronald McRae
37. Lecture Notes on Orthopaedic and Fractures by Duckworth T.
38. A B C of Spiral Cord Injury by David Grundy, Andrew Swain
39. Communication Skills for Adult Nursing by Sarah Korszowski and Abayomi Ecwen
40. Nursing Administration by B. T. Basavanthappa
41. Nursing Research by Walters Kluwer Lippincolt
42. Application of Management Principles and Functions to Nursing by A. A. Olowu
43. Project Development and Management made Easy by G. O. Sokoya.
44. Stress Management and Health Living by Akinbo, S. R. A
45. Research for Nurses by Hungler
46. The Role of Physiotherapy in Orthopaedic and Traumatic Condition by Adesanya Modupe
47. Outline of Physiotherapy in Medical Rehabilitation by Igwe Augustine
48. Medical Rehabilitation by Lauro S. Halstead/ Martin Grabois
49. Research methods in Nursing by Abba Kale.



**(A) LIST OF INSTRUCTIONAL MATERIALS IN DEMONSTRATION ROOM**

	<b>ITEMS</b>	<b>MINIMUM QUANTITY REQUIRED</b>
1	Plaster of Paris (various inches)	100
2	Orthobands (various inches)	50
3	Plaster saw ( Manual and Electricals)	1 each
4	Suctioning machines ( Manuals and Electricals)	1 each
5	Plasters Shears	2
6	Plaster Bender	2
7	Plaster Spreader	2
8	Plaster Knife	2
9	Traction Kit (Children and Adult sizes)	10 each
10	Thomas' splints (various sizes)	2
11	Braun's frame	1
12	Trolleys	3
13	Diagram chart	10
14	White magic board	1
15	White board markers	1 packet
16	Projector	1
17	Projector screen	1
18	Dressing packs	10
19	Trays (various sizes)	5
20	Artery forceps	10
21	Dressing forceps	30
22	Dissecting forceps	20
23	Sinus forceps	2
24	Tooth dissecting forceps	10
25	Orthotic and prosthetic materials	2 each
26	Cervical collars (various types)	1 each
27	Triangular bandage	5
28	Sausage bandages	6
29	Crepe bandage (various inches)	20
30	Cotton bandage (various inches)	10 packets
31	Dummies ( Child and Adults)	1 each
32	Maniacre/Torso	1
33	Patient bed table	2
34	Bed creddle	1
35	Sand bags	4
36	Wooden limb splints	4
37	Weights ( various kilograms)	4
38	Bed pan	1
39	Urinal	1
40	Bed elevator	1
41	Bed screen	2
42	Oxygen cylinder with oxygen	1



## LIST OF EQUIPMENT/ INSTRUMENT IN CLINICAL AREAS.

S/ N	ITEMS	MINIMUM QUANTITY REQUIRED
1	Plaster of Paris (various inches)	10
2	Orthobands (various inches)	10
3	Plaster saw ( Manual and Electricals)	1 each
4	Suctioning machines ( Manuals and Electricals)	1 each
5	Plasters Shears	1
6	Plaster Bender	1
7	Plaster Spreader	1
8	Plaster Knife	1
9	Traction Kit (Children and Adult sizes)	2 each
10	Thomas' splint (various sizes)	2 each
11	Braun's frame	2
12	Trolleys	6
13	Dressing packs	12
14	Trays	10
15	Artery forceps	10
16	Dressing forceps	30
17	Dissecting forceps	20
18	Sinus forceps	2
19	Tooth dissecting forceps	20
20	Cervical collar (various types)	1 each
21	Triangular bandage	5
22	Crepe bandage (various inches)	10
23	Cotton bandage (various inches)	10 packets
24	Patient bed table	1 per bed
25	Bed cradle	2
26	Sand bags	6
27	Wooden limb splints	6
28	Weights ( various kilograms)	10
29	Bed pan	10
30	Urinals	10



## IN OPERATING THEATRE

S/N	ITEMS	MINIMUM QUANTITY REQUIRED
1	Image intensifier	1
2	Arthroscope instruments	1
3	Implants ( nails, plate, screws, prosthesis, wires)	2 each
4	Jakob's Chunk	2
5	Disposable redivac bottles	5
6	Hand gloves ( Sterile and non Sterile)	1 packet each
7	Face mask	2 packets
8	Linens ( operation gowns, drapes, bed sheets, draw sheets)	30 each
9	Various types of bandages	5 each
10	Canulas (various sizes)	1 packet each
11	Infusions giving sets	1 packet
12	Blood giving sets	1 packet
13	Oxygen pipes or cylinders	5
14	Laryngoscope ( various sizes)	1 set
15	Endotracheal tubes	5
16	Crutchfield tongs	2
17	Steimann's pin	5
18	Stirrup	5
19	Different antiseptic lotions	1 bottle each
20	Different cleaning lotions	1 bottle each



## IN PLASTER ROOM

S/N	ITEMS	MINIMUM QUANTITY REQUIRED
1	Plaster bender	2
2	Plaster spreader	2
3	Plaster scissors	2
4	Plaster shears	2
5	Plaster knife	2
6	Plaster saws ( manual and electrical)	1 each
7	Couch	2
8	Cupboards	2
9	Plaster of Paris (various inches)	10 each
10	Mackintosh	10
11	Plastic Aprons	4
12	Wash hand basin	2
13	Bowls ( Large. Medium, Small)	2 each
14	Bowl Stands	2
15	Orthoban (various inches)	5
16	Various bandages	5 each
17	Stockinet rolls	1 packet
18	Knee props	4
19	Rockers	6



**Appendix VII**  
**MINIMUM REQUIREMENTS POST BASIC ACCIDENT AND**  
**EMERGENCY NURSING PROGRAMME.**

**ACCIDENT AND EMERGENCY NURSING BOOKS**

**ANATOMY AND PHYSIOLOGY**

- Ross and Wilson Anatomy and Physiology
- Human Anatomy and Physiology(Elaine N Marriels)
- Anatomy and Physiology in Health illness(Waugh)
- Anatomy and Physiology for Nurses(Ashalatha)
- Anatomy and Physiology. The unity of form and function(Saladdin)
- Clinical oriented ANATOMY and Physiology(Keith Moore, Arthur F .Daily)
- Anatomy and Physiology made extremely easy(Kluwer Lipincott)

**MEDICAL – SURGICAL**

- Medical- Surgical Nursing: A nursing process approach (Ignatavicious, Donna)
- Medical- Surgical Nursing(Lewis Sharon and Etai)
- Brunner and Student text book of Medical – Surgical Nursing (Smeltzer, Bare and Cheever)
- Others
- 

**ACCIDENT AND EMERGENCY NURSING**

- Current Emergency Diagnosis and Treatment (Mills J.)
- Current Emergency Diagnosis and Treatment: Critical Care(Bangard S. F)
- Oxford Handbook of Emergency Medicine(Wyatllillingworth, Graham)
- Emergency Nursing Made Easy(Diehi and other authors)
- Emergency Care Handbook for Nurses
- Hand book of Medical Emergency Management( Olu Tunwashe)
- Nursing Intervention Classification(NIC) (Bulechek, Gloria M. and Etal)
- Nursing OutcomeClassification (NOC) (Moohead, Sue and Etal)
- Emergency Nursing Reference (Fultz . J)
- Nursing Process and Selected Nursing Theories: A Tool for Scientific Nursing Practices(Affiong N. Anwana)
- Manual of Medical Emergency(Gupta L. C)
- Intensive Coronary Care: A Manual for Nurses(Lawrence Meltzer E.)
- First Aid CPR ACD (Thygerson.A.)

**PAEDIATRIC**

- A Practical Paediatric Problems (Beattie . J.)
- Essentials of Paediatrics ( Kliegman R. M.)
- Principles of Paediatric and Neonatal Emergencies(Pannachudhuru)

**OTHERS**

- Text book of Nursing Research and Statistics(Mustafa)
- Nursing Administration (Basavanthapa)
- Clinical Ophthalmology: A Systemic Approach(Kanski J. J.)
- Illustrated Microbiology (Harvey R. A.)
- Behavioral Sciece for Nurses (Akinsola H. Y.)
- Oxford Hand book of ENT/Head and Neck Surgery(Cobridge R. )
- General Ophthalmology (Riordan – Eva P.)



## MINIMUM REQUIREMENTS FOR ACCIDENT AND EMERGENCY NURSING PROGRAMME.



### INSTRUCTIONAL MATERIALS

Projector  
 White board and markers  
 Television and VCD player  
 Educational VCDS  
 Procedure book  
 Curriculum manual  
 Flip Chart stand and flip charts

Models:

- Human skeleton
- Human torso
- Adult dummies (male and female)
- Paediatric dummy

### LIST OF REQUIREMENTS FOR PRACTICAL DEMONSTRATION ROOM FOR ACCIDENT AND EMERGENCY NURSING

ITEMS	MINIMUM REQUIRED
<b>BED AND ACCESSORIES</b>	
Adult bed and mattresses	2
Pillows	2
Pillow cases	4
Bed tables	2
Bed screens	2
Bed sheets	4
Linen bin	1
Draw sheets	4
Blankets	4
Mackintosh	4
Bath towels	4
Face towels	4
Patient's dress	2
Plastic aprons	2
Sharps box	1
Linen bin	1
<b>TROLLEY</b>	
Multi-purpose trolleys	1
Medicine trolley	1
<b>BOWLS</b>	
Bowls with and without cover (large, medium and small)	2 of each
Kidney dishes with and without cover (large, medium and small)	2 of each
Trays with and without cover (large, medium and small)	2 of each



Gallipots (large, medium and small)	2 of each
<b>FORCEPS</b>	
Artery forceps(straight and curved)	4 of each
Cheatele forceps	2
Dissecting forceps(plain and toothed)	4 of each
Dressing forceps	4
Stitch scissors(straight and curved)	4 each
<b>CUPBOARDS</b>	
Linen cupboard	1
Glass cupboard for instruments	1
Equipment cupboard	1
<b>MODELS</b>	
Adult dummy(with both male and female reproductive organ)	1
Paediatric dummy	1
Complete human skeleton(articulated and disarticulated)	1
Human torso	1
Charts	
<b>EQUIPMENT/INSTRUMENT</b>	



## MINIMUM REQUIREMENT FOR HOSPITAL BASED CLINICAL EXPERIENCE

The hospital must have:

- Male wards; female wards and children's ward
- Different units: physiotherapy; Outpatient; Emergency unit; laboratory unit; pharmacy, ECG unit; Ambulance services; Laundry, CSSD, Radiology Cafeteria, Engineering dept, Stores and supplies, Medical social welfare, Medical records etc.
- Health personnel: Consultant Surgeons; Medical Officers; Accident and Emergency Nurses; Casualty Officers; Consultants in other Specialty areas; Medical laboratory Scientist; Nurses and Midwives; Pharmacists; Medical Social workers; Radiologists; Medical Social workers , Stores and supplies etc

NB: Minimum of 1 registered Accident and Emergency Nurse to 6 patients.

## LIST OF EQUIPMENT EXPECTED IN THE CLINICAL AREAS

1. Guide Airway (various sizes)
2. Albuminometer
3. Destructor Bowls
4. Vomit Bowls
5. Gallipots
6. Diagnostic Set
7. Kidney Dishes 6", 8", 10", & 12" Diameter
8. Flow Meter Oxygen Gauge
9. Mayor's Artery Forceps 5" & 7"
10. Cheatle Forceps
11. Plain Dissecting Forceps 5" & 7"
12. Toothed Dissecting Forceps
13. Dissecting Forceps
14. Sinus Forceps
15. Fixation Forceps 1 , 2, 3, & 4
16. Epilation Forceps
17. Sim's Speculum Forceps
18. Ovard Speculum Forceps
19. Eye Speculum Forceps
20. Nasal Speculum Forceps
21. Uterine Speculum Forceps
22. Foreign Body Speculum Forceps
23. Doten's Mouth Gag
24. Ointment Glass Rod
25. Patella Hammer
26. Scapel Handle And Blades
27. Oxygen Cylinder
28. Oxygen Stand
29. Kick About Dressing Bin
30. Angle Poise Lamp
31. Mayer's Dressing Scissors
32. Stitch Dressing Scissors
33. Single Retractor
34. Double Retractor
35. Lumber Puncture Set
36. Larynscope
37. Sigmoidscope

Eye Ward



38. Protoscope
39. Sphygmomanometer
40. X-RAY Viewing Box
41. Tourniquet
42. Stretchers On Wheel
43. Wheel Chair
44. Electric Kettle
45. Suction Machine
46. Sucker Tubes And Handle
47. Drip Stand
48. Anaesthetic Machine
49. Diathermy Set
50. Tongue Depressor
51. Tape Measure
52. Head Mirror
53. Bed Pan
54. Urinals
55. Nasal Catheter
56. Jacques Catheter
57. Urethral Catheter
58. Boogies Set Of 12 Catheters
59. Catheter Introducer
60. Thomas Splint
61. Wooden Limb Splint
62. Gypsona
63. Needles And Syringes {Various Sizes}

#### **FURNITURE**

64. Table
65. Chairs
66. Metal Cupboard
67. Shelves
68. Bed Side Lockers

### **Appendix VIII** **MINIMUM REQUIREMENTS POST BASIC MENTAL** **HEALTH/PSYCHIATRIC NURSING PROGRAMME.**

#### **LIST OF INSTRUCTIONAL MATERIALS REQUIRED FOR POST BASIC MENTAL** **HEALTH / PSYCHIATRIC NURSING PROGRAMME**

- SCHOOL CURRICULUM
- WHITE BOARDS AND WHITE BOARD MARKERS
- PROCEDURE MANUAL
- PROJECTORS WITH SCREEN AND STAND



- TELEVISION SETS WITH VIDEO AND CD PLAYERS
- CDs FOR ANATOMY AND CLINICAL PROCEDURES
- FLIP CHARTS/ACCESSORIES
- SIMULATORS
- STUDENTS' GUIDE/HANDBOOK
- LOGBOOK OR CLINICAL ATTENDANCE REGISTER
- RECORD OF INSTRUCTION (NMCN)
- CLASS ATTENDANCE REGISTER (FOR LECTURES)

**LIST OF BOOKS FOR POST BASIC MENTAL HEALTH/ PSYCHIATRIC NURSING PROGRAMME**

1. Psychiatric Mental Health Nursing by Basavanhappa B.T
2. The New International Webster's Comprehensive Dictionary of The English Language –Deluxe Encyclopedia Edition.
3. Caring for The Older Adult by Lynn Basford,Karran Thorpe.
4. Seeley's Anatomy and Physiology - Van Putte, Regan, Russo
5. Mental Health and Psychiatric Nursing - Maya George
6. Computer for Nurses - Jain B. C. and Mrs Saakshi
7. Nursing Research and Statistics - Basavanhappa B . T.
8. The American Psychiatric Publishing Text Book of Forensic Psychiatry - Robert I., Simon M. D., Lizah, Gold, M. D.
9. A concise Text book of Psychiatric Nursing - Bhatia M. S.
10. Psychiatric Mental Health Nursing (Concept of Care in Evidence Based Practice) - Townsend M. C.
11. Health Assessment and Physical Examination - Mary Ellen Zator Estes
12. Abnormal Psychology - Ronald J. Comer
13. Brunner Suddaths Textbook of Medical Surgical Nursing - Janice L, Hinkle, Karry H. Cheever
14. Principles and Practice of Child and Adolescent Forensic Mental Health - Elssa P. Benedek, M. D. Charles L. Scott, M. D.
15. Lippincott's Manual of Psychiatric Nursing Care Plans - Judith M. Schiltz, Sheila L. Videbeck
16. Nursing Theories - Basavanhappa ,B. T.
17. ICD – 10 VOL. 1, 2, 3, International Statistical Classification of Diseases and Related Health Problems - WHO
18. Psychiatric Nursing- Contemporary Practice - Boyd Mary Ann
19. Nursing Research – Generating and Assessing Evidence for Nursing Practice - Polit, D. F. , Cheryl, Tatano Beck.
20. Nursing Education - Basavanhappa B. T.
21. Leadership & Management for Nurses - Pramilathapa
22. An Introduction to Theory and Reasoning in Nursing - Johnson, B. M., Webber Pamela B.
23. Community Mental Health Nursing and Dementia Care - John Keady Etal
24. Anatomy & Physiology in Health and illness- Ross & Wilson
25. Human Anatomy & Physiology - Eleine M.



26. Medical Surgical Nursing – A Nursing Process Approach - Vol. & II
27. Essentials of Psychiatric Mental Health Nursing - Townsend, M. C.
28. Psychiatric Mental Health Nursing Evidence Based Concepts Skills and Practices - Mohr Wandar K.
29. Manual of Psychiatric Nursing Care Planning - Vacardis, E. M.
30. Kaplan and Sadock's Synopsis of Psychiatry - Kaplan and Saddocks.
31. Abnormal Psychology - Barlow and Durand
32. Psychiatric Mental Health Nursing - Noreen C. F. AND Lawrence E. F.
33. Principles and Practice of Nursing Management Administration - Jogindra Vati
34. Hole's Human Anatomy Physiology - David Shier Et al
35. Sociology and Health Care and Introduction for Nurses, Midwives and Allied Health Professionals - Chief Michael
36. A guide to Mental Health and Psychiatric Nursing - Sreevain
37. Emdex Drug Comparisons & Therapeutic Details - Chris C. Obi
38. A brief Atlas of the Human Body - Matt Hutchinson Et al
39. Key Concepts in Counselling and Psychotherapy - Vicky Smith Et al
40. Straight A's in Psychiatric and Mental Health Nursing - Lippincott Williams & Wilkins
41. Drug Information - Christy Obi
42. Psychology - The Science of Mind and Behaviour - Richard Gross
43. Pharmacology for Nursing Care - Richard A. Lehne
44. Occupational Therapy - Practice Skills for Physical dysfunction - Loraine Williams

#### **LISTS OF INSTRUMENTS REQUIRED IN THE PRACTICAL DEMONSTRATION ROOM**

Bowl lifting forceps	-	4
Intestinal clamps	-	4
Artery forceps large	-	Curved 4, Straight 4
Artery forceps medium	-	Curved 4, Straight 4
Artery forceps mosquito (small)	-	Curved 4, Straight 4
Koca's forceps	-	4
Sponge holding forceps	-	4
Dissecting forceps (plain)	-	4
Dissecting forceps toothed	-	4
Wound Dressing forceps	-	4
Stitch scissors	-	4
Nail scissors	-	4
Counter scissors	-	4
Alli's tissue forceps	-	4
Needle holders	-	4
Vaginal speculums;	-	2
Duval	-	2
(ii) Ferguson's	-	2
Rectal Protoscope	-	2
Mouth Gag	-	2
(i) Duval	-	2
(ii) Ferguson's	-	2



## LIST OF EQUIPMENT REQUIRED IN THE PRACTICAL DEMONSTRATION

### ROOM

1.	Tray with cover (Large)	-	2
2.	Tray without cover (Medium)	-	2
3.	Bowls with cover	-	2
4.	Bowls without cover (Large)	-	2
5.	Bowls without cover (Small)	-	2
6.	Kidney dish with cover (Large)	-	2
7.	Kidney dish without cover (Large)	-	2
8.	Kidney dish with cover (Medium)	-	2
9.	Kidney dish with cover (Small)	-	2
10.	Kidney dish without cover (Small)	-	2
11.	Gallipot with covers	-	4

### CUPBOARDS

1.	Linen cupboard		1
2.	Medicine cupboard		2
3.	Instrument cupboard		2
4.	Equipment cupboard		2

### BEDS AND ACCESSORIES

1.	Adult Beds and mattresses		3
2.	Baby Cot	-	1
3.	Pillows	-	3
4.	Bedside lockers		3
5.	Bed tables	-	3
6.	Linen Bins	-	2
7.	Beds Screen	-	4

### LINENS

8.	Long Bed sheets	-	10
9.	Long mackintosh	-	6
10.	Draw sheets	-	6
11.	Draw mackintosh	-	6
12.	Blankets	-	6
13.	Face Towels	-	12
14.	Bath Towels	-	6
15.	Medicine Towels	-	6
16.	Plastic Aprons		
17.	Patients' Gown (Male/Female)		

### TROLLEYS

•	Medicine Trolleys	-	2
•	Multi purpose Trolleys	-	2

### MODELS

1.	Adult dummies (Male/female)		
2.	Human brain		1
3.	Central Nervous System		1
4.	Endocrine		1



5. Cardiovascular system	1
6. Special Senses (eye, skin, nose & ear)	1
7. Urinary System	1
8. Heart	1
9. Gastro Intestinal Tract	1
10. Respiratory system	1
11. Human Skeleton	1
12. Other systems	-

### **CHARTS**

▪ Central Nervous System	4
▪ Endocrine System	4
▪ Cardiovascular system	4
▪ Special Senses (eye, skin, nose & ear)	4
▪ Urinary System	4
▪ Other systems	

### **INSTRUMENTS/EQUIPMENT**

1. Clinical thermometers	10
2. Sphygmomanometer	2
3. Stethoscope	2
4. Oxygen cylinder and apparatus	-2
5. Electro-convulsive therapy machine	2
6. Suction machine	2
7. Adult weighing scale	2
8. Hand washing stand and basin	1
9. Urinals	3
10. Bed pans	3
11. Scale for measuring height	2
12. Diagnostic set	2
13. Instruments for Mental Status Examinations	

### **FORMS**

1. Treatment forms	
2. Vital signs	
3. Nursing care plan	
4. Admission	
5. Laboratory	
6. X-ray and others	



**URINE TESTING-**

Reagents and equipment

**LIST OF ITEMS IN THE HOSPITAL SETTING/WARDS**

1.	Vital signs equipment		
2.	Stethoscope	-	8
3.	Clinical thermometer	-	10
4.	Sphygmomanometer	-	8
5.	Injection trays/Intravenous equipment		
6.	N/G tubes	-	4
7.	Catheters	-	4
8.	Equipment for dressing	-	
9.	Oxygen Cylinder(s)	-	4
10.	Weighing scales	-	4
11.	Trolleys	-	12
12.	Urine testing equipment	-	
13.	Sterilizers	-	4
14.	ECT machine	-	2
15.	Bed Linens	-	60
16.	Bowls	-	12
17.	Bed Bath Trolleys	-	4
18.	Adult beds and mattresses	-	20
19.	Pillows	-	10
20.	Patients' Gowns/Pyjamas	-	32
21.	Pillow cases	-	10
22.	Blankets	-	10
23.	Long Mackintosh	-	10
24.	Draw Mackintosh	-	10
25.	Face towels	-	10
26.	Medicine trolleys	-	4
27.	Bedside lockers	-	24
28.	Bed pan/Urinal	-	6 each
29.	Drip stands	-	12
30.	Draw sheet	-	20
31.	Mackintosh	-	20
32.	Dust Bins	-	8
33.	Linen Bins	4	
34.	Plastic Jug with Covers	-	8
35.	Blanket	-	16
36.	Medicine cupboard	-	4
37.	Instrument cupboard	-	4
38.	Linen cupboard	-	4
39.	Equipment cupboard	-	4
40.	Towel (Large)	-	8
41.	Towel (Small)	-	8
42.	Gallipot with cover	-	12
43.	Gallipot without cover	-	12
44.	Tray with cover	-	12
45.	Tray without cover	-	12
46.	Screen	-	8
47.	Kidney dishes with cover	-	
48.	Kidney dishes without cover	-	12
49.	Dissecting Forceps Toothed (small)		



50.	Dissecting Forceps	Non-Toothed (small)	-	12
51.	Surgical Scissors		-	8
52.	Artery Forceps		-	12
53.	Dressing Forceps		-	8
54.	Measuring Jars		-	8
55.	Mortal and Piston		-	4
56.	Bed Cradle		-	4
57.	Air Rings		-	4
58.	Scale for measuring height		-	4
59.	Suction machine		-	4
60.	Tape measure		-	4
61.	Instrument for mental status examination			
62.	Diagnostic set		-	4
63.	ECT machine			

### **FORMS/CHARTS**

Vital signs/observation

Suicidal caution chart

Abscondence

Escapee

ECT

Consent

Behavioural

Observation

X-ray

Laboratory

Drugs

Nursing notes

Nursing process etc.

Others-

Materials/Equipment for bed bath, wound dressing, Intravenous infusion, and other nursing procedures as may be required especially in relation to specific Institutions e.g ACRAAT- Aro Clinical Risk Assessment Tool is peculiar to NPH, Abk.

## **Appendix IX**

### **MINIMUM REQUIREMENTS POST BASIC ANAESTHETIST NURSING PROGRAMME.**

#### **LIST OF RELEVANT TEXTBOOKS**

1. Safe Anaesthesia by ; Bartholomeusz L
2. Anaesthesia for Ambulatory Surgery [2<sup>nd</sup>ed] by Wetchler B.V.
3. Synopsis of Anaesthesia [8<sup>th</sup>ed] by Alfred Lee Atkinson R.S. and Rushman G.B.
4. Drugs used in Anaesthetic practice by Green D. and Smith M.
5. Lecture notes in Anaesthesia by Lunn M.
6. Textbook of medical physiology by Gugton[5<sup>th</sup>ed].
7. American Association of critical care Nurses; Core Curriculum for critical care nurses by Joan GrifAlspach [ 4<sup>th</sup>ed].



8. Clinical techniques for regional anaesthesia; Upper extremity blocks by Charles A. Reese.
9. Clinical techniques for regional anaesthesia; Spinal and epidural block by Carolyn Nicholson, Charles A. Reese.
10. Pulmonary function testing by Rueben M. Cherniack.
11. Anaesthesia drug handbook by Sota and Omoigiu.
12. Chemistry for health related sciences; concept and correlations by Curtis T. Sears et al
13. Introduction to the practice of anaesthesia by Monte Lichtiger and Frank Moya [2<sup>nd</sup> ed].
14. Understanding Electrocardiography; physiological and interpretative concepts by Mary Boundreau Conover.
15. Rapid interpretation of EKGs; A new approach by Dale Dubin [2<sup>nd</sup> ed]
16. The Cardiac patient and Anaesthesia.
17. Grays Anatomy by John A. Crocco'
18. Malignant Hypertemias by M Aubert et al'
19. Pathophysiology, clinical concepts of disease processes by Sylvia Anderson Price et al 2<sup>nd</sup> ed.
20. The pharmacological basis of therapeutics by Louis Goodman 4<sup>th</sup> ed
21. Professional Practice manual for CRNAs.
22. Physician Education program in regional anaesthesia by Becton Dickson.
23. Basic anatomy and physiology of the human body by Wiley.
24. PDR Medical Dictionary 2<sup>nd</sup> ed.
25. Anaesthesiology and critical care drug handbook by Andrew J. Donnelly et al.
26. Pharmacotherapy; A pathophysiologic approach by Joseph T. Dipiro et al 5<sup>th</sup>.
27. The pharmacology of inhaled anaesthetics by Edmund I. Eger et al.
28. Obstetrics Anaesthesia: Principles and Practice by David H. Chetnut 2<sup>nd</sup> Ed.
29. Handbook on Clinical Anaesthesia – Current Edition by Brain J. Pollard.
30. Anaesthesia Secrets – Current Edition By James Duke
31. Regional Anaesthesia and Pain Management – Current Edition by J. P. Dureja Rashmi, Madan H. L. Kaul.
32. Essentials of Nurse Anaesthesia by Laura Wild McIntosh
33. Anaesthesia and intensive care A-Z an Encyclopedia of principles and practice by Steven M. Yentis, Nicholas P. Hirsch, Gary B. Smith.
34. Drugs and Equipment in Anaesthesia practice Current Edition by Arun Kumar Paul.
35. Nurse Guide to Anaesthesia, resuscitation and Intensive Care Current Edition by W. Norris D. Campbell.
36. Anaesthesia on the move by Salley Keat, Simon Townend Bate, Alexander Bown and Sarah Lanham.
37. A primer of Anaesthesia by Rajeshwari Suramanian.
38. Principles of Anaesthesia by Satish Deshpande Vol 1 & 2.
39. Regional Anaesthesia for Babies and Children by Jane M. Peutrell and Stephen J. Mather.
40. Practical points in Anaesthesiology by David C. C. Stark
41. Cardiopulmonary Resuscitation by David V. Skinner and Richard Vincent.
42. Oxford Textbook of Anaesthesia for Oral and Maxillofacial Surgery by Ian Shaw, Chandra Kumar, Chris Dodds
43. Non-Operating Room Anaesthesia by Mark S. Weiss
44. Crisis Management in Anaesthesia by David M. Gaba.
45. Pain Assessment and Pharmacologic Management by Chris Paseto and Margo McCaffery.
46. Respiratory Physiology by Michelle M. Cloutier.



47. New international standard medical/Health encyclopaedia by Richard J. Wagan
48. Stedman' Medical Dictionary by Williams Wilkins 26<sup>th</sup> Edition.
49. Fundamental of Nursing by Kozier ERLS 8<sup>TH</sup> Edition.
50. Human Physiology by McGraw Hill 8<sup>th</sup> Edition
51. The Basic of research & Evaluation tools by Joshua Oluwatoyin Adeleke
52. Nursing Education by Basavanthappa
53. Clinical Pharamacology by Benneth Brown 9<sup>th</sup> Edition.
54. Sociology the core by Hughes krochler.
55. An introduction to Sociology by Onigu Otte, W. Ogionwo
56. Critical Anaesthesia by Paul G. Barash
57. Clincal Anaesthesia by Barash Cullen
58. Basic of Anaesthesia by Robert K. Stocling, R. D. Miller 2<sup>nd</sup> edition
59. Neuro-Anaesthesia Practice by H. Van Aken.
60. Regional Block by Thomas 4<sup>th</sup> Edition.
61. Anaesthesia for vascular surgery by Bannister S. Wild Smith.
62. Guidelines to Prinatal care by AAP/ACOG 4<sup>th</sup> ed.
63. Emergency anaesthesia by Adams,Hewitt,andgrande.
64. Anaesthesia vol 1 and 11 by DONALD D MILLER.
65. A practical of anaesthesia by Wylie and Chyrchil Davidson.
66. Textbook of anaesthesia by Alkenhead.
67. Anaesthesia review by Michelle Bowman Howard 2<sup>nd</sup> ed.
68. Manual of anaesthesia.by C.Y Lee.
69. Fundamentals of anaesthesia by Smith Pincohecin and Jones.
70. Lange clinical Anaesthesiology by Morgan
71. Primary Anaesthesia by King & Maurice.
72. Oxford Lan book of Anaesthesia by Keith Allman.
73. Anatomy and Physiology by Seely, Stephen and Tate 5<sup>th</sup> edition.
74. Text Book of Anaesthesia for post graduate students by T. K. Agasti.
75. Current Meditalk – A dictionary of Medical terms, Slangs and Jargons by Joseph C. Segen.
76. Human Anatomy and Physiology by Elaine N. Mariels.
77. Atlas of Airway Management by Orebaugh, Steven L.
78. How to survive in Anaesthesia by Neville Robinson 3<sup>rd</sup> or 4<sup>th</sup> Edition.
79. Introduction to the practice of Anaesthesia by Monte Liehtiger and Frank Moya 2<sup>nd</sup> Edition.
80. Understanding electrocardiography: Physiology and Interpretative concepts by Mary boudreauconover.
81. Grays Anatomy by John A. Crocco.
82. The chemistry and Physics of Anaesthesia by John Andriani M. D. 2<sup>nd</sup> edition.
83. The Pharamacology of Anaesthesia drugs: A syllabus for students and Clinicians by John A. Andriani M. D.
84. Handbook of Nurse Anaesthesia by NagelhoutZaglaniezny, Hagi 2<sup>nd</sup> edition.
85. Clinical Anaesthesiology by G. Edmund Morgan Maged S. Mikhail 1<sup>st</sup> Edition.
86. Abnormal Psychology by Richard P. Halgin& Susan KratesWhitebourne 4<sup>th</sup> edition
87. Nursing Research by B.T' Basavanthappa.
88. Methods in behavioural research by Pani C. Cozby
89. Use of English & Communication by Adamma Magaret Unogu 3<sup>rd</sup> Edition.
90. Computer for Nurses by Ngreen Thacker 2<sup>nd</sup> edition
91. Computer Science by C. S. French 5<sup>th</sup> edition
92. Data processing and information technology by Oliver & chapman's C. S. French 10<sup>th</sup> edition



93. Human resource management by Derek Tomington/Laura hall 6<sup>th</sup> edition.

**List of Equipment for the Demonstration Laboratory for Anesthetist Nursing.**

S/No.	Teaching Aids/Instructional Materials	Minimum Quantity Required
1.	<b>Anaesthetic Machine/Vaporizer and its components</b> <ul style="list-style-type: none"> <li>- Anaesthetic Machine</li> <li>- E. M. O. Machine</li> <li>- Oxford Inflating below (OIB)</li> <li>- Vapourizers</li> <li>- Weighing scale</li> </ul>	1 1 1 2 1
2.	<b>Breathing Tubes:</b> <ul style="list-style-type: none"> <li>- Rebreathing tubes</li> <li>- Non-Rebreathing</li> <li>- Dr Ayres "T" piece</li> <li>- Jackson Rees breathing system</li> </ul>	1 1 1 1
3.	<b>Intubation/Airway maintenance Equipment:</b> <b>Two beds with adult and pediatric manikins</b> <ul style="list-style-type: none"> <li>- Intubation manikin</li> <li>- Laryngoscope with adult and pediatric blade</li> <li>- Tracheal intubation trainer[adultsize]</li> <li>- Tracheal intubation trainer[peadiatric size].</li> <li>- Ambu bag [adult and peadiatric size].</li> <li>- Endotracheal tubes [adult and peadiatric sizes]</li> <li>- Endobroncheal tubes[various sizes].</li> <li>- Tracheostomy tubes [adult and peadiatric sizes].</li> <li>- Double Lumen endotracheal tubes.</li> <li>- Introducer</li> <li>- Jelly</li> <li>- Syringe</li> </ul>	1 1 2 2 2 12 6 4 2 1 1 1
4.	<b>Endotracheal tube of various makes:</b> <ul style="list-style-type: none"> <li>- Oxford tubes</li> <li>- Magill's tubes</li> <li>- Re-inforced armoured tubes</li> <li>- Orotracheal tubes</li> <li>- Nasotracheal tubes</li> <li>- Endotracheal tubes connectors and adaptors</li> <li>- Catheter mounts</li> <li>- Oropharyngal airways of Various types and sizes:</li> <li>- Mouth gag</li> <li>- Magill's forceps</li> <li>- Tongue forceps</li> <li>- Anaesthetic face masks of various types and sizes</li> <li>- Resuscitative face masks</li> <li>- Laryngeal mask airway (LMA)</li> <li>- Laryngoscope with adult and paediatric blades.</li> </ul>	2 4 2 4 4 2 2 2 1 2 1 4 4 2 2



5.	<p>Transfusion/Infusion requirements:</p> <ul style="list-style-type: none"> <li>- Intravenous cannulation trainer</li> <li>- Intravenous Cannulae of various sizes and makes</li> <li>- Transfusion sets</li> <li>- Infusion sets</li> <li>- Infusion pump</li> <li>- Fluid/Blood warmer</li> <li>- Tourniquet</li> <li>- Esmarch bandage</li> <li>- Plaster</li> <li>- Cotton wool</li> <li>- Spirit</li> </ul> <p>Different types of infusion</p>	<p>1</p> <p>5</p> <p>2</p> <p>2</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p>
6.	<p>Monitoring equipment (invasive and non invasive):</p> <ul style="list-style-type: none"> <li>- Pulse oximeter</li> <li>- Nerve stimulator</li> <li>- Sphygmomanometer</li> <li>- Stethoscope</li> <li>- Thermometers</li> <li>- CVP line</li> <li>- Apgar score grading trainer</li> <li>- Capnography</li> <li>- Oxygen source (Cylinder/pipeline)</li> </ul>	<p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>5</p> <p>2</p> <p>2</p> <p>1</p> <p>1</p>
7.	<p>Anatomical models:</p> <ul style="list-style-type: none"> <li>- Human skeleton</li> <li>- Model of the heart, showing the heart chambers, valves, major vessels entering and leaving the heart.</li> <li>- Models of internal organs: Lung, Kidney, pancreas, eye, liver, brain, intestine, etc</li> <li>- Airway model</li> <li>- Larynx</li> </ul>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
8.	<p>Regional Analgesia Equipment:</p> <ul style="list-style-type: none"> <li>- Spinal and epidural injection trainer.</li> <li>- Spinal and epidural needles.</li> </ul>	<p>2 each</p> <p>1</p>
9.	<p>Drugs – Drugs used in Anaesthesia</p> <ul style="list-style-type: none"> <li>- Adjuvants/ Alternatives in Anaesthesia</li> <li>- Other drugs</li> </ul>	<p>1</p> <p>4</p>



10.	<p>Others:</p> <ul style="list-style-type: none"> <li>☞ Clinical Thermometer</li> <li>☞ Disposable face mask</li> <li>☞ Disposable Glove</li> <li>☞ Linen Hamper</li> <li>☞ Trolley</li> <li>☞ Bed sheets</li> <li>☞ Pillow Case</li> <li>☞ Blanket</li> <li>☞ Electric Kettle</li> <li>☞ Fire Extinguisher</li> <li>☞ Suction machine</li> <li>☞ Drip stand</li> </ul>	<p>2 1pkt 1pkt 1 1 4 4 2 1 1 1 1</p>
11.	<p>Charts</p> <ul style="list-style-type: none"> <li>☞ Anaesthetic charts</li> <li>☞ Charts (Nose)</li> <li>☞ Charts (Eyes)</li> <li>☞ Charts (Special senses)</li> <li>☞ Charts (Cardiovascular)</li> <li>☞ Charts (skin)</li> <li>☞ Charts (Digestive System)</li> <li>☞ Charts (Ear)</li> <li>☞ Charts (Human skeleton)</li> </ul>	



## Appendix X

### MINIMUM REQUIREMENTS POST BASIC CARDIOTHORACIC NURSING PROGRAMME.

#### **LIST OF RELEVANT TEXT BOOKS FOR POST BASIC CARDIOTHORACIC NURSING.**

1. Essentials of critical care nursing by Marianne Chulay and Suzarne M. Burns
2. Emergency Care by Daniel Limmer and Michael F.O Keefe
3. Hypertension primer by Josphl. 1220J. M.O, Black, MD. Fourth edition
4. Fundamental critical support by society critical of cane medicine
5. Critical Care Nursing diagnosis and Management by Linda D. Urden, KathleenM, Stacy and Mary E. Lough 6<sup>th</sup> edition
6. Paediatric Intensive Care by Dr. Nitin K. Shah 2<sup>nd</sup> edition
7. Nursing the critically ill Adult by Nancy Meyer Rollaway. Third edition
8. Critical Care Nursing. Denystified by Cynthia lee terry and Aurora Weaver 1<sup>st</sup> edition
9. Cardiovascular Nursing by Jacqueline Solomon
10. Advanced Cardia Life Support by American Heart Association
11. Current Diagnosis & Treatment in Cardiology by Michael H. Crawford
12. E.C.G Made Easy by John R. Hampton
13. Fundamental of Nursing by Suzamne C Smelter and Branda G bare
14. Anatomy and physiology in Health and illness by Rose and Wilson 11<sup>th</sup> edition
15. Medical Dictionary by British Medical Association
16. Clinical pharmacology and therapeutics by Roger Walker and Cate Whittlesea
17. Medical surgical Nursing by BT Basavanthappa 2<sup>nd</sup> edition
18. Inotropics in Intensive Care Unit by Ifeoma Chiegboka 1<sup>st</sup> edition
19. High blood Cholesterol and its health implications by Anthony O. Maduka 1<sup>st</sup> edition
20. Human Anatomy and Physiology by Elarine N. Marieb and Kaija HJoehn 7<sup>th</sup> edition
21. Principles and Practice of Nursing Management and Administration by Jogindra Vati 1<sup>st</sup> edition
22. Nursing Theories by B.T Basavanthappa 1<sup>st</sup> edition
23. Nursing Communication and Educational Technology by Pramilaa R. 1<sup>st</sup> edition



24. Nurses Test yourself in Clinical skills by Marian Traynor 1<sup>st</sup> edition
25. Disaster Management and preparedness by Nidhi Guaba Dhawan and Ambrina Sardar Khan 1<sup>st</sup> edition
26. Nursing Administration by BT Basavanthappa 2<sup>nd</sup> edition
27. Nursing Research by Geri Lobiond Wood and Judith Haber 3<sup>rd</sup> edition
28. Basic research for Nurses and Health Professionals 1<sup>st</sup> edition and others.

## **POST BASIC SCHOOL OF CARDIOTHORACIC NURSING**

### **LIST OF INSTRUCTIONAL MANUALS REQUIRED FOR THE PROGRAMME (TEACHING AIDS)**

1. Flip Chart
2. White Board
3. White Board Marker
4. Projector
5. Projector screen
6. Portable Wireless Amplifier

#### CHARTS

7. Respiratory
8. Skeletal
9. Circulatory
10. Human Body System
11. 11 Thoracic System
12. Digestive

#### MODELS

Manikins Adult & Paediatrics

Heart

Thoracic cage

13. DVD Player
14. Television
15. Lap-Top



16.

## **LIST OF EQUIPMENT FOR DEMONSTRATION ROOM**

1. Defibrillator
2. Endotracheal tubes
3. Pulse oximeter
4. Suction machine
5. Ambu bag
6. Screen
7. Crash cart with different infusion, emergency drugs, syringes, spatula etc
8. Weighing scale
9. Cardiac Bed/Ordinary Bed
10. Cannula
11. Oxygen Cylinder With Head
12. Transducer
13. Temporary pace maker
14. Heart valves
15. Syringe pump
16. Syringe – 50mls
17. Tracheostomy Set
18. E.C.G Machine and Accessories
19. Under water seal drainage bottle/disposable
20. Face mask
21. Blood pressure monitor
22. 23. Laryngoscope's set
23. C.V.P Line
24. Air ways
25. Incentive spirometer
26. E.C.G clear trace
27. Dummy



28. Drip Stand
29. Stethoscope
30. Bed sheets
31. Draw sheet with mackintosh
32. Blankets
33. Pillows
34. Pillow cases
35. Face mask with Nebulizer
36. Nasal oxygen cannula
37. Different ICU chart
38. Bed locker
39. Linen Lin
40. Oxygenator
41. Bowls
42. Kidney dish
43. 2 way connectors/3 way
44. Lubricating jelly
45. Forceps/claps
46. Scissors
47. Dressing pack
48. Galipots
49. Urinal
50. Arterial line
51. Pressure bag (adult/paediatrics)
52. Trays with cover
53. Disposable gloves
54. Trolley
55. Different I.C.U chart



## LIST OF EQUIPMENTS EXPECTED IN THE CLINICAL SETTING FOR HOSPITAL AND COMMUNITY

Cardiac Beds  
Blood gas Analyzer  
Ventilators  
Defibrillator  
Syringe pumps  
Fenwel pump  
Drug cupboard  
Refrigerator  
Oxygen pipe line  
Oxygen cylinder  
CVP line Cardiac monitor  
Infusion pump  
Sphygmomanometer  
Drip stand  
Bed table  
Pressure bags  
Humidifer  
Ambag  
Spirometer  
Suction machine  
Heart Lung Machine  
Oxygenator  
Blood warmer  
Tranducers  
Cooling/warming machine  
ECG machine  
Echo – Cardiography (Clinical Measurement)



Portable x-ray  
Trays  
Trolley  
Bowl  
Re-breathing mask  
Under water seal drainage  
3 way/2way cannulas  
Temporary pace maker  
Different forms of infusions  
Hermacel  
A.E.D machine  
Face masks Adult/paediatrics  
Pulse oximeter  
Drainage tubings  
Injection trolley  
Oxygen cannulas  
Drip stand  
Large artery forceps  
Medium artery forceps  
Curved artery forceps  
Screens  
Hot water bottle  
Pedal bin  
Big destructor bowl  
Dressing bowl  
Trays with lid  
Drums  
Kidney dish  
Bed sheets



Blankets  
Draw sheets  
Sputum mug  
Urinals  
Tongue retractor  
Galipots  
Scissors  
Bed pan  
Mouth gag  
X-ray screen  
Syringes different sizes  
Steriles gloves  
Disposable gloves face mask  
Endotracheal tubes  
Different I.C.U chart

## **Appendix XI**

### **MINIMUM REQUIREMENTS POST BASIC EAR, NOSE AND THROAT NURSING PROGRAMME.**

#### **1. List of Instructional Manuals for ENT- Post-Basic Nursing Education**

- Nursing and Midwifery Council Curriculum
- School – Level Curriculum
- Students handbook
- Procedure book for students
- Daily Roll-call
- Lecture note Book
- Planned instructional presentation book
- Cumulative Record Book
- Continuous Assessment Book
- School calendar
- Time-table for lectures



- Scattergram
- Operational Roadmap for School operation
- Other relevant documents including
- Record of students experience
- Power Point Projector
- Power Point Scree
- Laptop for presentations
- LCD Television
- DVD
- Video CDs to assist in simulative lectures
- Posters, Flipcharts
- White Board/Markers



## 2. List of Minimum Required text-books to support the E-Library

1.	<b>Head &amp; Neck Surgery – Otolaryngology By Byran J. Bailey,</b> 1988, 7 <sup>th</sup> edition	3
2.	ABC of Ear, Nose & Throat, Harnold Ludma, 1997, 4 <sup>th</sup> edition	5
3.	Essential Otolaryngology, P. Hazarika, 2007, 2 <sup>nd</sup> edition	5
4.	Textbook of Ear, Nose & Throat Diseases by Mohammed Magbool, 1982, 11 <sup>th</sup> or Latest edition	5
5.	Essential ENT Practice by Rogan J. Corbridge, 1973, 10 <sup>th</sup> edition	5
6.	ENT Secret by Bruce W. Jafek, 1996, 3 <sup>rd</sup> edition	5
7.	Disease of Ear, Nose & Throat, by Hall & Colman’s 1973, 10 <sup>th</sup> or latest edition	5
8.	Oxford Handbook & Head & Neck Surgery by Rogan Corbridge 2006, 1 <sup>st</sup> edition	5
9.	Short notes & short cases in ENT by U.N. Panda, 2003 1 <sup>st</sup> edition	3
10.	Textbook of Ear, Nose & Throat by Lt. Col. B S Tuli. 2 <sup>nd</sup> edition	5
11.	Eye, Ear Nose & Throat Nursing by7 A.E. Davis & Beaman Douglass. Latest edition	3
12.	Hand Book of ENT Surgery Khalid Abdullahi	3
13.	An Illustrated Text Book of ENT R.S. Dillon	3
14.	Otorhinolaryngology and Facial Surgery Pear C.S	2
15.	ENT and Head and Neck Surgery S.K DE	2
16.	ENT and Head and Neck Surgery G.TA Ijaduola	2
17.	Otology Surgery Brackam	2
18.	Topics on Otorhionolaryngology Surgery Andres S.	2
19.	Essentials of Otolaryngology Frank E.	2
20.	Cancer of Head and Neck Jatin P.	2
21.	Comprehensive Review of Otolaryngology Rukenstein	2
22.	Essential ENT Practice William PL	3
23.	Otolaryngology Clinics Sunders	3
24.	Diseases of ENT Prof DHINGRA	5
25.	MQS in ENT Prof Obiakor	5
26.	Text Book of ENT PL DHINGRA	5
27.	Clinical Method in ENT PT Wakade	3
28.	MCQs in ENT Pravash T.	5
29.	Total Revision in ENT Seamus P.	3
30.	Allergy in ENT Heston C.	
31.	Genetics for ENT Specialist Dirk Kunst	2
32.	Diseases of ENT Peter bull	3
33.	Inside ENT Hamid DAYa	2
34.	ENT Secretes Jafek M	5
35.	Essential of Primary ENT Toyin Ishola	2
36.	Nasal Reconstruction Fredrick M.	2
37.	Color Atlas of Otorarytnogology Dennite	2
38.	Primary Ear and Hearing Training W.H.O	5
39.	Adevanced Airway Management Charles E.	2
40.	Diseases of ENT	2



41.	ENT News Volum 6 Hall and C
42.	ABC of ENT Havold L
43.	Office Nasal Endoscopy S.K Kalustar
44.	Essentials of Otorhinolaryngology Frank E.
45.	Cancer of Head and Neck Jatin P.
46.	Nursing Intervention Clarsification Nulecheck B.
47.	Principle of Operative Surgery Graeme J.
48.	Human Physiology Daniel M.C.
49.	Anatomy and Physiology for speeches Seikod King
50.	Essential Physiology for students David O.
51.	Review of Medical Physiology Lange
52.	Hand book of Clinical Audiology 5 <sup>th</sup> 6 <sup>th</sup> Edition Kagz Medwetsky
53.	Pharmacology for Nurses and Allied Profession – Kid Chamderi
54.	The Acoustic Analysis of Speech – Kent & Rend
55.	Cochlear Implants – Rfichard S.T.
56.	Hearing its Physiology and Pathophysiology – Moller
57.	Clinical Otology and Audioilogy – G.G. Browing
58.	Childen hearing Problem – Joyce Tweedie
59.	Audiology and Communication Disorder – Larry E. Humen
60.	Audiology: The Fundamentals 4 <sup>th</sup> Edition – Fred H. Bess
61.	Manual Practical Audiometry – Sting A.
62.	Clinical Pharmacology for Murles – Trounce 2
63.	Pharmacological Basis for Nursing Practice – Clerk
64.	Pharmacology 10 <sup>th</sup> Edition – H.P Rang
65.	Clinical Pharmacology for Nurses – John T.
66.	The Easier Approach to Pharmacology – R. O. Mustapha
67.	Complete Drug For Mulary – Emden
68.	Essential Drug List Ministry of Health
69.	Anatomy & Physiology – Ross & Wilson
70.	Ituman Physiology – Vander S.
71.	Grays Anatomy for Students – Richard L.
72.	Anatomy and Physiology – 5 <sup>th</sup> Edition Gary A.
73.	A brief Atlas of Human Body – Matt H
74.	Atlas of Human Anatomy – Hiderbir S.
75.	Nursing Diagnosis – Lippincott W.2
76.	Nursing Process – Rotimi O.
77.	Nursing Practice and Health – Susan M.
78.	Fundamentals of Nursing – B. T. Bassavatheppa
	<b>MEDICAL AND SURGICAL NURSING</b>
1.	Textbook of Medical – Surgical Nursing by Suzanne C. Smeltzer 1996, 11 <sup>th</sup> edition
2.	Moroney Surgery for Nurses by Malcolm R. Colmer, 2005, 16 <sup>th</sup> edition
3.	Medical Surgical Nursing by B.T. Basavanth Appa, 2003
	<b>NURSING PRACTICE</b>
1.	Nursing Practice – Thelcoynn L. Stellebery 1994, 2 <sup>nd</sup> edition
2.	Fundamental of Nursing by Kozier & Erb’s 2008, 10 <sup>th</sup> edition



3.	Nursing Care Plan by Marilyn E. Doenges 2007, 7 <sup>th</sup> edition	3
4.	A general textbook of Nursing by Evelyn Peace, 1937, 20 <sup>th</sup> edition	5
5.	Nursing Process by Rotimi Oguntade, 2001, 2 <sup>nd</sup> edition	5
6.	Taylor's Clinical Nursing, Pamela Evan-Smith, 2005	3
7.	Nursing Management in Practice. E.R. Tattersal, 1984 1 <sup>st</sup> edition	3
8.	Nursing Management Principles & Practice Mary Magee Gullafee, 2005	3
9.	Understanding the Nursing Process – Lyndia Hall, Carpertoito Mogg, 2003	5
<b>ANATOMY AND PHYSIOLOGY</b>		
1.	Atlas of Human Anatomy – Inderbir Sihgn 2004, 1 <sup>st</sup> edition	3
2.	Anatomy & Physiology for Nurses TWA Glenister, 1991, 3 <sup>rd</sup> edition	3
3.	Human Anatomy & Physiology – Elaine N. Marich, 2004, 7 <sup>th</sup> edition	3
4.	A brief Atlas of the human body – Mat Hutchinson, 1989, 2 <sup>nd</sup> edition	3
5.	Anatomy & Physiology in health & Illness, Ross S. Wilson, 1968, 10 <sup>th</sup> edition	3
<b>PSCHOLOGY</b>		
1.	Psychology as applied to Nursing – Andrw Meghin, 1979, 7 <sup>th</sup> edition	3
2.	Introduction to Psychology by Glencoe 1992, 2 <sup>nd</sup> edition	3
<b>MEDICAL MICROBIOLOGY</b>		
1.	Micro-biology for Nurses – RL Ichpujani 2003, 2 <sup>nd</sup> edition	3
2.	Microbiology for Nurses – Margaret J. Parker, 1959, Latest edition	3
3.	Medical Microbiology – Gres F. Brooks 2004, 24 <sup>th</sup> edition	3
<b>PHARMACOLOGY</b>		
1.	Trounce's Clinical Pharmacology for Nurses by Ben Green Stein, 2005, 17 <sup>th</sup> edition	3
2.	The Complete Drug Formulary. Emdex, Latest edition	3
3.	A Handbook of Pharmacology for Nurses & Allied Health Professions – Cletus Nze Aguwa, Lates edition	3
4.	Rang and Dale's Pharmacology, H.P. Rang Latest edition	3
<b>SOCIOLOGY</b>		
1.	Sociology Themes & Perspective, Michael Haramlambos, Latest edition	2
2.	Anthony Gidden's, Anthony Gidden, Latest edition	2
<b>MANAGEMENT</b>		
1.	A Handbook of Human Resource Management Practice – Michael Armstrong, Latest edition	3
<b>MEDICAL LABORATORY SCIENCE</b>		
1.	Baker & Silverton's Introduction to Medical Laboratory Technology Latest edition	3
2.	Concise Book of Medical Laboratory Technology. Ramik Sood, Latest edition	2



3.	M.L.T. Medical Laboratory Technology Methods and Interpretation – Ramik Sood, Latest edition	2
	<b>MEDICINE</b>	
1.	Davidson’s Principles & Practice of Medicine by Nicholas A. Boon, Lates edition	2
2.	Park’s Textbook of Preventive & Social Medicine by K. Park, Latest edition	2
3.	A Concise Textbook of Clinical Imaging by David Sutton, 1995, Latest edition	2
4.	Current Topics in Medical Mucology by M. R. Mcginis, Latest edition	2
5.	Handbook of Clinical Audiology by Jack Katz, 1972, 5 <sup>th</sup> edition	3
6.	Audiology and Introduction for Teachers and Other Processionals. Mary Anne Tate, Masstby, 2002, 1 <sup>st</sup> edition	3
7.	American Sign Language Dictionary by Matin L. A. Sternberge 1987	3
	<b>RESEARCH &amp; STATISTICS</b>	
1.	Essential Medical Statistics. Betty R. Kirkwood, 1988, 2 <sup>nd</sup> edition	3
	<b>PAEDIATRICS</b>	
1.	Disease of Children by Markolm L. Leveles, Latest edition	3
2.	Nursing Care & Infant & Children by Hocken-bery, 1979, 7 <sup>th</sup> edition	3
3.	Paediatrics and Child Health in the Tropical Region by J. C. Azubuike, 1999	3
	<b>OPHTHALMOLOGY</b>	
1.	Emergency Ophthalmology Huny Chery, 1997, 1 <sup>st</sup> edition	1
2.	Review of Ophthalmology by A. K. Khurana, 1996, 4 <sup>th</sup> edition	1
3.	Comprehensive Ophthalmology by A. K. Khurana, 1996, 4 <sup>th</sup> edition	1
	<b>DICTIONARY</b>	
1.	Stedman’s Medical Dictionary	
2.	Oxford Advanced Learner’s Dictionary	
3.	New Websters Dictionary of Current English Latest edition	
	<b>OTHERS</b>	
1.	BMJ Journals	
2.	Journals of the Nursing and Midwifery Council of Nigeria	
3.	Clinical Governance Journal	
4.	International Professional Nursing Journal	
5.	West African Journal of Nursing	
6.	Mary Slessor Journal of Nursing	
7.	African Health	
8.	Nigerian Journal of Nursing	
9.	International Council of Nurses Journal	



## POST-BASIC EAR, NOSE AND THROAT NURSING PROGRAMMES IN NIGERIA

### List of Models for ENT Demonstration Laboratory

1.	Nose and Olfactory Organ (Model IN 42506)	5
2.	Functional Larynx 2.5 x full size (G 20)	5
3.	Adult Dummy Female (Model W 19530)	2
4.	Nose with Paranassal Sinuses (E.20)	5
5.	Human Ear (V R 1226)	5
6.	Ear, Nose and Throat (V R 1247)	5
7.	Mr/Mrs Johnson's maniguire (dummy)	
8.	Models indicating tracheostomy types and tracheostomy tubes insertion demonstration	
9.	Auditing ossicles full size embedded model	
10.	Human skull indicating the related anatomy	



## List of Equipment in ENT Demonstration Laboratory

1.	Chiron Lamp	3
2.	Suction Machine	3
3.	Sphygmomanometer	5
4.	Sterilizing Unit	2
5.	Kidney Dish with Cover (Small)	5
6.	Kidney Dish with Cover (Medium)	5
7.	Kidney Dish with Cover (Large)	5
8.	Kidney Dish without Cover (Small)	5
9.	Kidney Dish without Cover (Medium)	5
10.	Kidney Dish without Cover (Large)	5
11.	Instrument Tray with lid (Small)	3
12.	Instrument Tray with lid (Small)	3
13.	Instrument Tray with lid (Small)	3
14.	Instrument Tray without lid (Small)	3
15.	Instrument Tray without lid (Medium)	3
16.	Instrument Tray without lid (Large)	3
17.	Gallipot with cover (Small)	5
18.	Gallipot with cover (Medium)	5
19.	Gallipot with cover (Large)	5
20.	Gallipot without cover (Small)	5
21.	Gallipot without cover (Medium)	5
22.	Gallipot without cover (Large)	5
23.	Swivel Chair for Examiner	5
24.	Swivel Chair for Patient	5
25.	Tongue depressor (Straight)	5
26.	Tongue depressor (Curved)	5
27.	Tongue depressor (Wooden)	(Disposable No quantity)
28.	Otoscope (Keeler)	5
29.	Nasal Speculum (Thudicum)	5
30.	Nasal Speculum (Kalian's)	5
31.	Dressing forceps (Filler's)	5
32.	Dressing forceps (Henkel)	5
33.	Jobson Horne Probe	5
34.	Instrument Trolley	2
35.	Grommet	10
36.	Wax hook	5
37.	Laryngeal mirror (Small)	3
38.	Laryngeal mirror (Medium)	3
39.	Laryngeal mirror (Large)	3
40.	Rhinocopy mirror (posterior)	3
41.	Tuning Fork – 512 different types Hz	10
42.	Foreign body hook (nasal)	5
43.	Trocher & Canulla	5
44.	Crocodile Aural forceps	5
45.	Aural metal syringe	5
46.	Hearing Aid (various types)	10



47.	Davis Boyle's mouth gag (paediatric)	5
48.	Davis Boyle's mouth gag (Adult)	5
49.	Drabbins bipod stand	2
50.	Sponge holding forceps	5
51.	Tonsil Dissector	5
52.	Tonsil artery forceps (curved)	5
53.	Tonsil artery forceps (straight)	5
54.	Pullar Retractor	3
55.	Tieguide and knot carrier	3
56.	Ine's forceps	3
57.	Irving Moore forceps	3
58.	Mollison's retractor	3
59.	Mallet & Gouge (Small)	3
60.	Mallet & Gouge (Medium)	3
61.	Mallet & Gouge (Large)	3
62.	Mastoid Cell Sector with Scope	3
63.	Guillotine	3
64.	Tracheal dilator	5
65.	Tracheal Hook	5
66.	Tracheostomy tube (portex)	5
67.	Laryngoscope (chevalier Jackson)	5
68.	Laryngoscope (chevalier Jackson)	2
69.	Laryngoscope (Negus)	2
70.	Pharyngoscope (Negus)	2
71.	Adenoid curette)	3
72.	Nasopharyngoscope	3
73.	Suction Nozzle (Vaukiur)	5
74.	Suction Nozzle (Lomg's type)	3
75.	Laryngeal forceps	5
76.	Tonsilar snare	5
77.	Periotonsillar	5
78.	Myringotome	5
79.	Aural speculum	10
80.	Head Lamp	5
81.	Oesophageal biopsy forceps	3
82.	Sterilizing Drum (Small)	2
83.	Sterilizing Drum (Medium)	2
84.	Sterilizing Drum (Large)	2
85.	Measuring Jug (Small)	2
86.	Measuring Jug (Medium)	2
87.	Measuring Jug (Large)	5
88.	Artery forceps (Curved)	5
89.	Artery forceps (Straight)	5
90.	Mosquito artery forceps	5
91.	Dissecting forceps (tooth)	10
92.	Dissecting forceps (non-tooth)	10
93.	Sponge holding forceps	5



94.	Stitch Scissor	5
95.	Mouth gag	5
96.	Stethoscope (Littman)	3
97.	Sinus forceps	5
98.	Bowl with lid (small)	3
99.	Bowl with lid (medium)	3
100.	Bowl with lid (large)	3
101.	Bowl without lid (small)	3
102.	Bowl without lid (medium)	3
103.	Bowl without lid (large)	3
104.	Sputum mug with lid	5
105.	Hospital bed (standard with back rest & mattress)	5
106.	Weighing scale	2
107.	Drip stand	5
108.	Bed table	5
109.	Screen	3
110.	Linen bin	2
111.	Bucket (150L) without lid	3
112.	Bucket (200-250L)	3
113.	BASIN (200-250L)	5
114.	Oxygen cylinder with apparatus	2 units
115.	Oxygen Mask	2
116.	Trolley (patient type)	2
117.	Trolley (for medicine)	3
118.	Instrument cupboard	2
119.	Medicine cupboard	3
120.	Linen cupboard	1
121.	Mackintosh	3
122.	Tourniquet	5
123.	Towel (face towel)	5
124.	Bath towel	5
125.	Draw Sheet	5
126.	Blanket	5
131.	Pillow/Pillow Cases	10
132.	Cheated forceps	2
133.	Drums for sterile gauze and cotton wool	5
134.	Sterilizer	2
135.	Facemasks (unlimited quantity as disposable)	
136.	Wash-hand basins	5
137.	Antibacterial handwash	
138.	Sanitizers	20
149.	Jik/Bleach	50
150.	Sailon	10
151.	Spirit	
152.	Artery forceps	
153.	Orange sticks	10
154.	Spatula (unlimited quantity as they are disposable)	



155.	Kettle	
156.	Thermometer	10
157.	B/P apparatus	5
158.	Aural syringe	5
159.	Ophthalmoscope	
160.	Weighing scale	2 (Children and Adults)
161.	Nebulizer	2
	<b>CONSUMABLES</b>	
162.	Cotton wool swabs	5
163.	Guise	5 rolls
164.	Distilled water	
165.	Normal saline	
165.	Other drips	
	<b>DRUGS REQUIRED</b>	
166.	Otomed	
167.	Antibiotics	
168.	Antibiotics (Capsules, Injectable, syrups)	
169.	Betahistidine	
170.	Tab Nicotinic acid	
171.	Haematinics	
172.	Analgesics e.g. Dicloferan, Ibuprofen, Cataflam, Mebxicam	
173.	Chloramphenicol drops	
174.	Gprofloxacin	
175.	Augmentin	
176.	Vitamins A,B,C etc.	



## List of Equipment in ENT Clinical Setting for Hospital and Community Based Practice

1.	Modern ENT – CONSOLE with Endoscopic accessories	5
2.	Chiron's	5
3.	Suctioning	3
4.	Sphygmomanometer and Stethoscope (Littman's)	5
5.	Sterilizing Unit	3
6.	Kidney dish with cover (small)	5
7.	Kidney dish with cover (medium)	5
8.	Kidney dish with cover (large)	5
9.	Kidney dish without cover (small)	5
10.	Kidney dish without cover (medium)	5
11.	Kidney dish without cover (large)	5
12.	Flexible fiberoptic nasopharyngoscope	2
13.	Instrument tray with lid (small)	5
14.	Instrument tray with lid (medium)	5
15.	Instrument tray with lid (large)	5
16.	Instrument tray without lid (small)	5
17.	Instrument tray without lid (medium)	5
18.	Instrument tray without lid (large)	5
19.	Gallipot with cover (small)	10
20.	Gallipot with cover (medium)	5
21.	Gallipot with cover (large)	5
22.	Gallipot without cover (small)	10
23.	Gallipot without cover (medium)	10
24.	Gallipot without cover (large)	5
25.	Swivel chair for Consultant	5 Clinical
26.	Swivel chair for Patient	5
27.	Tongue depressor (straight metal, curved metal and wooden)	Mental 5 Wooden – Disposable
28.	Otoscope (Keeler)	5
29.	Nasal Speculum (thudicum)	5
30.	Nasal speculum (Killian's)	5
31.	Pneumatic Speculum	2
32.	Dressing forceps (Tilley's)	5
33.	Dressing forceps (Herkel's)	5
34.	Jobson Horne's Probe	10
35.	Instrument Trolley	3
36.	Grommet	10
37.	Wax hook	5
38.	Laryngeal Mirror (small)	5
39.	Laryngeal Mirror (medium)	5
40.	Laryngeal Mirror (large)	5
41.	Rhinocopy Mirror (posterior)	5
42.	Tuning fork various frequencies (Hz)	
43.	Foreign body hook	5
44.	Torcher and Cannula	5



45.	Crocodile Aural forceps	7
46.	Aural syringe (metal)	10
47.	Hearing Aid (various types)	10
48.	Davis Boyle Assembly (children)	2
49.	Davis Boyle Assembly	2
50.	Dratin's bipod	2
51.	Sponge holding forceps	5
52.	Tonsil dissector	5
53.	Tonsil Artery forceps (curved)	5
54.	Tonsil Artery forceps (straight)	5
55.	Pullar retractor	5
56.	Tieguide & Knot carrier	3
57.	Guillotine	3
58.	Tracheal Dilator	5
59.	Tracheal Hook	5
60.	Tracheostomy Tube (metal)	5
61.	Tracheostomy Tube (portex)	5
62.	Laryngoscope (Chevalier Jackson)	3
63.	Laryngoscope (Negus)	3
64.	Pharyngoscope (Negus)	3
65.	Adenoid Currate	5
66.	Suction nuzzle (Yankiu's)	5
67.	Suction nuzzle (Long's type)	3
68.	Laryngeal Forceps	5
69.	Tonsilar Snare	5
70.	Myringotome	5
71.	Head Lamp	3
72.	Operating table/Examining with teaching arm	2
73.	Sterilizing Drum (Large, Medium and Small)	3
74.	Measuring Jug (Large, Medium and Small)	3
75.	Curved artery forceps	5
76.	Straight artery forceps	5
77.	Mosquitoes artery forceps	5
78.	Dissecting forceps (tooth and on-tooth)	5 each
79.	Sponge Holding Forceps	3
80.	Stich Scissors	5
81.	Bowl with Lid (small, medium and large)	3 each
82.	Bowl without lid (small, medium and large)	3 each



### List of Equipment and Instruments in ENT Unit

1.	Consulting table	4
2.	Otoscope (wall-mounted and monile)	4
3.	Suction machine	2
4.	X-ray viewing machine	2
5.	Headlights	2
6.	Angle poised lamp	4
7.	Kidney dishes	4
8.	Bowls (plastic and metal)	10
9.	Dustbins	5
10.	Examination couch	10
11.	Chairs (metals and plastic)	4
12.	Stationeries (investigation form, x-rays forms etc.)	Open quantity
13.	Killian's nasal forceps	5
14.	Thudicum nasal forceps (metal and plastic)	5
15.	Crocodile forceps (different sides)	10
16.	Aural dressing forceps	10
17.	Scissors	10
18.	Tuning forks (256Hz, 512Hz)	10
19.	Jobson Horne's probe (straight and curved)	5
20.	Laryngeal mirror	4
21.	Post nasal mirror	4
22.	Tongue depressors (metal and wooden)	5
23.	Suction nozzles wooden	Opened ended quantity
24.	Xylocaine spray	5
25.	Applicator for xylocaine spray	5
26.	Wax scoop	5
27.	Plastic speculums for otoscope	20
28.	Tilleys forceps	5
29.	Dissecting forceps (toothed and non-toothed)	10
30.	Cheatle forceps	2
31.	Drums for sterile gauze and cotton wool	4
32.	Sterilizer	2
33.	Facemasks	Open ended quantity
34.	Thermometer	
35.	B/P apparatus	5
36.	Aural syringe	
37.	Propulse ear irrigator (syringing machine)	5
38.	Pulse doximeter	5
39.	Tracheal dilator	5
40.	Oxygen concentrator	5
41.	Glucometer	5
42.	Weighing scale (analogy/paediatric digital)	5
43.	Cauterization machine	2
44.	St. Clair's nasal speculum	5
45.	Lax tongue depressor	5



46.	Lax forceps	5
47.	Biopsy forceps	
48.	Tissue forceps	
49.	X-ray viewing box	
70.	Laryngoscope	
71.	Infra red machine	
72.	Needle holder	
73.	Green light BP apparatus	
74.	Trocha and cannular	
75.	Speculums	
76.	Alis forceps	
77.	Telescope various degree/flexible	
78.	Light source	
79.	Microscope	
80.	Ambu bag	
81.	Cervical collar	
82.	Stretcher motorised and manual	
83.	Tracheostomy set	
84.	Dressing pack/set	
85.	Suturing pack/set	
86.	Nasal pack	
87.	Drip stand	
88.	Endoscopic set	
89.	Computer set	
90.	Printers	
91.	Emergency drug cupboard	
92.	Wheel chair	
93.	Ophthalmoscope	
94.	Oxygen cylinder	
95.	Aural dressing forceps	
96.	Drums for gauze/cotton wool	
97.	Stethoscope	



**Other Instruments Necessary to be in the Theatre that the students must know**

1.	Microdebridors Trongong	1
2.	Microlaryngeal forceps	1
3.	Microlaryngeal Scissors	1
4.	Laryngeal foreign body forceps	1
5.	Laryngeal biopsy forceps	1
6.	Polyp forceps of vocal cord	2
7.	Foreign body forceps of trachea	3
8.	Bronchoscope	3
9.	Esophageal foreign body forceps	Duck
10.	Suction tubes	3
11.	Nasal tissue forceps (Left curved) Large and Small	2
12.	Nose biopsy of nasal cavity (straight)	2
13.	Tissue forceps of nasal cavity (open to left)	2
14.	Nasal tissue biting forceps 45o round head	2
15.	Nasal tissue biting forceps front biting	2
16.	Tissue forceps of Nasal cavity (open to up)	2
17.	Nasal cavity tissue forceps (down)	2
18.	Tissue forceps of nasal cavity (open to left and right)	2
19.	Nasal tissue scissors straight	5
21.	Nasal rongeur backbiting 260o rotatable	3
22.	Nasal Polyp ethmoid forceps round head	3
23.	Tissue forceps of nasal cavity 30o 105m with suction	3
24.	Polyp forceps of nasal cavity 0o 105m sharp head	3
25.	Nasal Ethmoidal Collules opening up head hand spike	3
26.	Nasal pharyngeal biopsy forceps straight 180mm	3
27.	Backbiting rongeur	
28.	Maxillary haemostat (large and small)	3 each
29.	Maxillary rongeur (straight down cut)	3
30.	Multifunctional rongeur	3
31.	Side cutting forceps	3
32.	Nasal bone forceps	3
33.	Nasal septum elevator	3
34.	Nasal Probe	
35.	Nasal Periosteum elevator	3
36.	Elevator suction tube	3
37.	Nasal swivel knife (straight 3mm)	3
38.	Nasal swivel knife (Straight 5mm)	3
39.	Middle Ear forceps occlusal bead	3
40.	Middle Ear Polyp forceps (right curved) 45o cup-head	3
41.	Polyp Scissors left curved	3



## Appendix XII

### MINIMUM REQUIREMENTS POST BASIC BURNS AND PLASTIC NURSING PROGRAMME.

#### **LIST OF RELEVANT BOOKS**

1. Foundations of Anatomy and Physiology by Janet S. Ross and Kathleen J.W. Wilson.
2. Human Anatomy Physiology by John W. Hole, Jr.
3. Outline of Physiotherapy In Medical Rehabilitation by Igwe Augustine Asiduba
4. Medical Rehabilitation by Lauro S. Halstead/Martin Grabois.
5. A Concise Textbook of Acute Trauma Care by Dr. (Mrs.) Bilkisu Ibrahim Bebeji
6. Basic Research Methods for Nursed and Health Professionals by Justina N. Okoli.
7. Basic Nutrition and Diet Therapy by Justina N. Okoli.
8. Research Methods in Nursing by Abba Kale.
9. Social and Economic Research Principles and Methods Eric C. Eboh
10. Research Methodology in Business and Social Sciences by Aham Anyanwu.
11. Application of Management Principles and Functions to Nursing. The Nurse as a manager by Olowu A.A. JP.
12. Principales of Medicine and Medical Nursing by J.C. Houston/Marion Stockdale
13. A Textbook of Interdisciplinary Approach to Wound Care by Prisca Olabisi Adejumo.
14. Essentials of Plastic and Reconstructive Surgery With notes on clinical Nursing and general management (by Brian Morgan and Margaret Wright).
15. Plastic Surgery and Burns Treatment (by E. S. Macallan)
16. Prevention of Burns and Fire in Home with Hints on First Aid Care on Burns (by Oluwatoyin Adewumi Olufemi).
17. Clinical Pharmacology and Nursing (by Charold L. Baer/Bradley R. Willams).



## LIST OF REQUIREMENTS FOR PRACTICAL DEMONSTRATION ROOM FOR POST BASIC BURNS AND PLASTIC NURSING

NO	CATEGORY	ITEMS	MINIMUM NO REQUIRED
1.	BED 7 ACCESSORIES	Adult bed and mattresses	4
		Pillows	4
		Bed side lockers	4
		Bed tables	4
		Linen Bins	4
		Bed screen	4
		Bed Cradles	4
			4
2.	LINENS	Long Bed sheets	12
		Draw sheets	12
		Pillow cases	12
		Blankets	12
		Mackintosh	6
		Face towels	6
		Bath towels	6
		Medicine towels	6
		Patient gowns (male/female)	6 Each
		Plastic aprons	6
		Mosquito nets	4
3.	TROLLEYS	Medicine trolleys	2
		Multi-purpose trolleys	2
4.	BOWLS with cover	Large Medium Small	2 each
		“ “ “	2 each
5.	Kidney dishes with cover	“ “ “	“ “
	“ “ without cover	“ “ “	“ “
6.	Gallipots	“ “ “	“ “
7.	Trays with cover	“ “ “	“ “
	“ without cover	“ “ “	2 each
8.	Forceps	Various types	4 each
9.	Cupboards	Linen cupboards	2
		Medicine cupboards	2
		Instrument cupboards 2	2
		Equipment cupboards	2
10.	Models/Charts	Adult dummies (male/female)	2 each
		Disarticulated Skeleton	4 charts
		Skull, Mandible Skin etc.	2 each
		All systems models e each	4 “ each
11.	Instruments/Equipments	Clinical thermometers	12



		Sphygmomanometer	4
		Stethoscope	4
		Burns tray	2
		Oxygen cylinder and apparatus	2
		Resuscitation tray	2
		Suction machine	2
		Adult weighing machine	2
		Hand washing stand and basin	2
		Urinals (male/Female)	2 each
		Bed pan	2
		Post Operative trays	2
		Tracheostomy tray	2
		Skin grafting/dressing tray	2
		Cut down tray	2
		Bandages, crepe	
		Linen hamper	2
		Malleable splints etc.	4
		Catheterization trays	2
12.	Forms	Treatment forms	
		Vital signs	
		Nursing care plan	
		Admission	
		Laboratory	
		X-ray and others	
13.	Urine Testing	Reagents and equipments	
14.	Audio-visual instruments	White Magnetic board	2
		White board markers	Various
		Flip chart stand and accessories	2
		Multimedia projector and stand	1
		Television	1
		Video and VCD player	1 each
		Educational VCD/Video cassette on various anatomical structures.	Various



## LIST OF EQUIPMENT EXPECTED IN THE CLINICAL SETTING

- Beds
- Bed Lockers
- Bed Tables
- Bed Blocks
- Bed sheets
- Bed Cradles
- Drip Stand
- Wheel Chair

Patient's trolley

Infrared Thermometer

Infusion pump

Ventilator

Emergency drugs

Wheel Chair

Cardiac monitor

Pulse Oximeter

Defibrillation

Ambubag

At the community centre, Rehabilitation Centre with well equipped laboratory for community posting e.g.

- Instrument for Rehabilitation like, wheel chair  
Walking - aids

## LIST OF EQUIPMENT EXPECTED IN THE BURNS UNIT

### **Burns unit:**

Catheterization trays

Beds with mosquito nets

Oxygen cylinders

Suction machines

Cut down trays

Burns wound dressing packs

Infusions e.g. Normal saline

Dextrose saline

Darrow's solution etc.

Bed tables

Bed lockers

Screens

Unsterile trays

Vital signs tray, Sphygmomanometer

Drip stands Infrared -----

Splints e.g. creamier wire



Cock up splint  
 Elbow joint splint  
 Monitor  
 Defibrillator  
 Emergency trays  
 Bath basin  
 Sphigmonometer  
 Pulse oximeter  
 Changing gowns, shoes, masks and caps.

### APPENDIX XIII.

#### MINIMUM REQUIREMENTS FOR POST BASIC OPHTHALMIC NURSING PROGRAMME.

#### List of the instructional Manual requirements for the Post Basic Ophthalmic Nursing Programme.

1. White boards/Markers.	2
2. Eye Models.	3
3. Human Skulls.	1
4. Over Head Projector	1
5. Power point projector	1
6. DVD players/plates	1
7. Television	1
8. Computer and internet facilities	10
9. Educative plates	5
10. Eye model charts	2
11. Flip chart stand	5
12. Educative posters	5
13. Laptop	1
14. Student hand book/curriculum	1
15. Ophthalmic Nursing procedure book	1
16. Record of instruction and student clinical experience manual booklet in ophthalmic patient care	

#### LIST OF BOOKS

1. Best Aid to Ophthalmology – Pramid – 1<sup>st</sup> ed.
2. Manual of Ophthalmic Diagnosis – E. Ahmed – 2<sup>nd</sup> ed. (2013)
3. Clinical methos in Ophthalmology – Dapeer – 1<sup>st</sup> Ed. 2013
4. Comprehensive manual of Ophthalmology – Ahmed – 1<sup>st</sup> ed.
5. Comprehensive Ophthalmology (6<sup>th</sup>) sixth edition - Aik Khurana (2015) Mew Age International limited, Mew edhi, India.
6. Fundamental of leadership & Mgt in Primary Health Care. - Peter Olise 2011.
7. Eye Diseases in Hot climate – John Sandford Smith – 5<sup>th</sup> edition – 2008.
8. Clinical Ophthalmology – Kanski 7<sup>th</sup> edition 2012
9. Ophthalmic Nurses companion – Otokiti J.O. – 1<sup>st</sup> edition 2009.



10. Eye surgery in Hot climate – John Sandford smith, 3<sup>rd</sup> edition.
11. The safe strategy preventing trachoma – S.P. Mariotti and A. Pruss (2001 World Health Organization publication).
12. Injection safety in the context of injection prevention and control trainers guide. Death and Dying education First. – Federal Ministry of Health and John Snow inc./making medical injection safer/Nigeria Oct. 2006. Dr, (Mrs) A.O. Imogie (1998)
13. Introduction to psychiatry and psychiatric Nursing – Johnson Miller Ujorha (1991) Johnson Enterprises, Kaduna Nigeria.

### **LIST OF EQUIPMENT FOR THE DEMOSTRATION LABORATORY**

▪ Eye model	3
▪ Human skull	1
▪ Procedure manual booklet	1
▪ Record of practical instruction and clinical experience for the ophthalmic patient care	1
▪ Student information hand book	1
▪ Educative posters	5
▪ Glass cupboard	1
▪ Glass rods	10
▪ Epilation forceps	3
▪ Chalazion clamp	3
▪ Chalazion curette	3
▪ Undine bottle for irrigation/ barricus rubber bottle	2
▪ Direct ophthalmoscope	2
▪ Corneal spud	2
▪ Wooden spoon	2
▪ Snellen's chart, T chart, & Diagrammatic chart	5 each
▪ Colour vision test(ishihara colour test)	2
▪ Near vision chart	5
▪ Cataract set	1
▪ Artificial eye	5
▪ Kidney dishes big size	3
▪ Kidney dishes medium size	3
▪ Kidney dishes small size	3
▪ Gallipots	10
▪ Couch	1
▪ Beds	1
▪ Pillows	2
▪ Mattresses	1
▪ Bed sheets	6
▪ Pillow cases	6
▪ Slit lamp machine	1
▪ Trial frame	1
▪ Trial lens box	1
▪ Schiotz tonometer	2
▪ Lacrimal cannulas	2
▪ Punctum dilators (various size)	3
▪ Trolleys	3



▪ Pen torches	3
▪ Schirmer tear test paper	1pkt
▪ Examination chair	1
▪ Angle poise lamp	2
▪ Eyelid speculum	2
▪ Eyelid retractor	2
▪ Measuring jug	2
▪ Builder tape/ measuring tape	1
▪ Litmus papers blue & red	2pkts
▪ Clinical thermometers	5
▪ Sphygmanometer	2
▪ Stethoscope	2
▪ Movable screen	2
▪ Dustin bins	1
▪ Drip stands	1
▪ Oxygen cylinder	1
▪ Intraocular lens implants(anterior and posterior)	4 each
▪ Types of eye drops	10
▪ Types of eye ointments	3
▪ Patient gowns	3
▪ Operation gown	3
▪ Head/face towel	3
▪ Stainless bowl	2
▪ Trays with cover	3
▪ Applanation tonometer	1
▪ Blankets	2
▪ Wheel Chair	1
▪ Urine testing reagents	
▪ Spirit lamp	2
▪ Test tubes	10
▪ Catella Shield	3
▪ Hand towel	3
▪ Makintosh	2
▪ Tono pen	1
▪ Drum for sterilization	1
▪ Urinal	1
▪ Bed pan	1
▪ Treatment sheets form	10
▪ Vital signs form	10
▪ Nursing Care Plan form	10
▪ Laboratory forms eg HB	10
▪ x-ray form	10

**CONSUMABLES**

▪ Cotton wool	2 roles
▪ Guaze	2 roles
▪ Syringes/Needles	1 pkt each
▪ Hand Gloves	1 pkt
▪ Various sizes of sutures e.g. silk/Chromic catguts	5each



▪ Bandages-crape bandage and Ordinary bandages	5 each
▪ Adhesive plaster	2
▪ Methylated spirit	1 litre
▪ Deltol Solution	1 litre
▪ Normal Saline	2 bags
▪ Vomitor's bowl	1

### **LIST OF EQUIPMENT EXPECTED IN THE CLINICAL SETTING FOR HOSPITALS**

1.	Slit lamp	-	3
2.	Direct Ophthalmoscope	-	3
3.	Indirect Ophthalmoscope	-	2
4.	Applanation Tonometer	-	3
5.	Tonopen	-	2
6.	Schiotz Tonometer	-	3
7.	90.D mirrior lens	-	3
8.	3 mirror lens	-	3
9.	Lensometer	-	2
10.	Retinoscope	-	2
11.	CVF Machine	-	1
12.	Oxygen Cylinder with oxygen	-	3
13.	Cataract surgery set	-	1
14.	Glaucoma surgery set	-	1
15.	Lid repair surgery set	-	1
16.	Retina surgery set	-	1
17.	Operating microscope	-	1
18.	Lessers machine	-	1
19.	Vitrectomy machine	-	1
20.	Sterilizer	-	5
21.	Sphygmanometer	-	5
22.	Stetoscope	-	5
23.	Angle poise lamp	-	5
24.	Examination chair	-	3
25.	Movable screen/unmovable Screen	-	5
26.	Drip stand	-	5
27.	Beds	-	20
28.	Mattresses	-	20
29.	Pillows	-	20
30.	Trial frame	-	5
31.	Trial lens boxes	-	5
32.	Auto Refractive machine	-	1
33.	Bed Sheets/pillow cases	-	40
34.	Couches	-	2
35.	Trolleys	-	5
36.	Trays	-	10
37.	Visual Acuity charts – T, E and Diagrametic charts	-	10
38.	Colour vision charts – Ishihara		



	Test for colour	-	2
39.	Near vision charts	-	3
40.	Biscan machine	-	1
41.	Bimentary machine	-	1
42.	Fundus photo machine	-	1
43.	Kidney dishes/Receivers	-	10
44.	Gallaports	-	20
45.	Clinical thermometer	-	5
46.	Drums for sterilization	-	3
47.	Artificial Eye prosthesis	-	10
48.	Measuring jugs	-	3
49.	Undine/bottle/Rubber bottles		
	For eye fingation	-	2
50.	Exophthalmometer	-	2
51.	Schirmer tear test paper	-	2
52.	Eyelid refractor	-	5
53.	Eyelid speculum	-	5
54.	Punctum Dilators in sizes	-	2 sets
55.	Lacrimal canulars in sizes	-	2 sets
56.	Chalazion clamp	-	2
57.	Chalazion scuparguratte	-	2
58.	Epilation forceps	-	2
59.	Corneal spuds	-	2
60.	Corneal loupe	-	2
61.	Rehabilitative aid low vision		
	Aid	-	2
62.	Hand towels	-	10
63.	Urine testing reagents	-	3
64.	Testing tubes	-	20
65.	Anesthetic machine	-	2
66.	Patient gowns	-	20
67.	Operation gowns	-	20
68.	Head/Face towel	-	20
69.	Catella shield	-	10
70.	Tables for surgery	-	3
71.	Weighing mahine	-	2
72.	Urineal	-	10
73.	Bed pan	-	10
74.	Air ways	-	2
75.	Blanket	-	10
76.	Evisceration set	-	1
77.	Ophthalmic Cryo therepy		
	Machine	-	1
78.	Electrolysis machine	-	1
79.	Keratometer	-	1
80.	Silk and chronic sutures	-	10
81.	Glass rods	-	10
82.	Goniolens	-	1
83.	Suction machine	-	1
84.	Pin hole	-	3



85.	Urinometer	-	1
86.	Wheel Chair	-	1
87.	Strechers	-	1
88.	Autoclave/Hot air oven machine	-	1
89.	Various forms e.g. treatment, vital signs, Nursing Care Plan, Admission, laboratory and x-ray forms/others.		

#### **LIST OF EQUIPMENT IN THE COMMUNITY CENTRES**

•	Measuring tape	1
•	Visual acuity chart(T chart, E chart & Diagrammatic chart 1 each	
•	Epilation forceps	1
•	Foreign body remover forceps(corneal spud) 1	
•	Eyelid retractor/ speculum	1
•	Pen torch	1
•	Binocular loupe (corneal loupe)	1
•	Direct ophthalmoscope	1

#### **Appendix XIV**

### **MINIMUM REQUIREMENTS POST BASIC PAEDIATRIC NURSING PROGRAMME.**

#### **PAEDIATRIC PROGRAMME**

1. GHAI, O.P –Essential Paediatric 7<sup>th</sup> Ed. 2010
2. SINGH, Meharbam – Care of the newborn. 7<sup>th</sup> Ed. 2010
3. WINKELSTEIN, Wilson – WONG'S Nursing care of infants and children 8<sup>th</sup> ed. 2007
4. BEATTIE, Gim – Practical Paediatric problems. 2005
5. WONG, Donna L-Maternal Child Nursing Care 2<sup>nd</sup> ed. 2010
6. GUPTA, Swiaj – Neonatal emergencies. 2006
7. SINGH, Meharbam – Medical emergencies in children. 4<sup>th</sup> ed. 2007
8. BHANDARI, Vineet – Manual of neonatology. 2008
9. ANURADHA, S-Chlinical cases in medicine and paediatrics. 2006
10. GUPTA, Piyush – Essential paediatric nursing. 2<sup>nd</sup> ed. 2006
11. HAY, William J – Current diagnosis and treatment paediatric. 20<sup>th</sup> ed. 2011
12. PANDA, U.N. – Jaypee's nurses dictionary. 3<sup>rd</sup> ed. 2009
13. Paediatric Nursing Care plan by Assuma Beeri
14. WAUGH, Anne – Ross & Wilson anatomy and physiology. 10<sup>th</sup> ed. 2006
15. SMELTZER – Brunner & Suddarth's textbook of medical-surgical nursing.11<sup>th</sup> ed. 2008
16. DATTA, Parul – Paediatric nursing. 2<sup>nd</sup> ed. 2009
17. MUSTAPHA, R.O. – The simplified anaomy and physiology with Anatomy pathophysiology of commonest diseases. 2010
18. UNICEF – Children in the millennium, environmental impact on earth.
19. W.H.O. – Managing newborn problems: a guide for doctors, nurses, and midwives. 2003
20. F.M.O.H. – Infant and young child feeding in Nigeria: guidelines. 2005
21. F.M.O.H. – Student handbook on management of childhood illness (for basic health



institution in Nigeria. 2002

22. FEDERAL REPUBLIC OF NIGERIA – Report on 2010 national immunization coverage survey.

23. GARG. Sahok – Surgical and medical management of paediatric ophthalmology. 2007

24. Medical and Nursing Journals pharmacology by lippu cott wilheny Williams 5<sup>th</sup> ed.



**LIST OF REQUIREMENTS FOR PRACTICAL DEMONSTRATION ROOM  
PAEDIATRIC NURSING PROGRAMME**

S/N	CATEGORY	ITEMS	NO
1.	BED & ACCESSORIES	INCUBATOR COT BED AND MATTRESSES PILLOWS BED SIDE LOCKERS BED TABLES LINEN BINS BED SCREEN	1 1 1 1 1 1 1
2.	LINENS	LONG BED SHEETS DRAW SHEETS PILLOW CASES COT SHEET MACKINTOSH FACETOWELS BATH TOWELS MEDICINE TOWELS PATIENTS GOWNS (MALE/FEMALE) PLASTIC APRONS	4 4 4 6 2 6 6 6 6 EACH 2
3.	TROLLEYS	MEDICINE TROLLEYS MULTI-PURPOSE TROLLEYS	1 1
4.	BOWLS WITH COVER BOWLS WITHOUT COVER	LARGE, MEDIUM, SMALL “ “ “	2 EACH 2 EACH
5.	KIDNEY DISHES WITH COVER “ “ WITHOUT COVER	“ “ “ “ “ “	2 EACH 2 EACH
6.	GALLIPOTS	“ “ “	2 EACH
7.	TRAYS WITH COVER	“ “ “	2 EACH
8.	FORCEPS ARTERY STRINGLE MOSQUITO CURVE DISSECTING	VARIOUS TUPES	4 EACH
9.	CUPBOARDS	LINEN CAUPBOARDS KIDNEY MEDICINE CUPBOARDS INSTRUMENT CUPBOARDS/ EQUIPMENT CUPBOARDS	1 1 1 1
10.	MODELS/CHARTS	BABY DUMMIES (MALE/FEMALE) FOETAL SKULL 2 MODELS COMPLETE HUMAN SKELETON LIVER FOETAL CIRCULATION CARDIO-VASCULAR SYSTEM ALL THE SPECIAL SENSES, EAR SKIN ETC ALL OTHER SYSTEM	1 EACH 1 1 1 1 1 1 1





**DRUGS:**

1. Sodium bicarbonate, calcium gluconate
2. Hydrocortisone
3. Adranalin
4. Various types of infusion and giving sets.

**LOTIONS**

1. Hibitane
2. Eusol
3. Mentholated spirit

**LIST OF EQUIPMENT IN CLINICAL AND COMMUNITY AREAS FOR PAEDIATRIC PROGRAMME**

• Cots	30
• Incubators	10
• Radiant warmer	2
• Children's bed	30
• Bed covers	30
• Mackintosh	10
• Pillows	10
• Air ring	2
• Screen	10
• Resuscitaire	4
• Oxygen cylinder	6
• Oxygen gauge with humidifier	6
• Drip stand	10
• Suction Machine	6

**Trolleys**

• Case note trolley	2
• Dressing trolley	4
• Medicine	1
• Multipurpose	2
• Food warmer	4
• Refridgerator	4
• Weighing scale	4
• Tape measure	4

**BOWLS**

• Vomit bowls	4
• Destructor bowels	4
• Kick about bin	4

**LINEN**

• Bed sheet	20
• Cot sheet	20
• Baby wrappers	20
• Draw Sheet	20
• Pillow Slips	10



- Patients' gown 20
- Mosquito nets 20
- Oxygen Stand 6
- Oxygen Tent 2
- Oxyhood 2
- Pipe Oxygen -
- Oxygen Concentrator -
- Oxygen Panel -

**TOWEL/NAPKINS**

- Hand towels 4
- Bath towels 30
- Face towels 30
- Kitchen napkins 4
- Medicine napkins 20
- Bibs 20
- Bath bowls 20
- Linen buckets 6
- Instrument jars 4
- Ambu bag 6
- Patella harmer 2
- Turning fork 1
- Urinometer 1
- Clinical thermometers 20
- Phototherapy machines 4
- Test tube holders 2
- Test tubes 6
- Glass jar 4
- Urine jugs 4
- Linen buckets 10
- Bed pans 10
- Urinals 10
- Bed tables 30
- Bed lockers 30
- Bed blocks 4
- Bed cradles 4
- Bed cradles 4
- Small dressing bowls 5
- Medium bowl 5
- Galipots 5
- Kidney receivers 5
- Medium CSSD trays 5
- Large CSSD trays 5
- Small CSSD trays 5
- Diagnostic set 2
- Emergency tray 1
- Tracheostomy tray 1
- Mouth toilet tray 2
- Lumbar puncture tray 1



• Blood transfusion set	1	
• Exchange blood transfusion set	1	
• Crucifix		
• Injection packs	5	
• Dressing packs	5	
• Baby's tray	6	
<b>FORCEPS</b>		
• Dissecting forceps	4	
• Dressing forceps	4	
• Curved artery forceps	4	
• Straight artery forceps	4	
• Mouth gag	4	
• Needle holder	2	
• Trocher and canula	2	
• Sponge holding forceps		4
• Double hook retractor	2	
• Plastic apron	6	
• Foot stool	6	
• Air –rings	2	
• Baby bath	4	
<b>CATHETERS</b>		
• Foley's catheter (different sizes)		10
• Urine bags		
• Infant feeding tube	5	
• Ryle's tube	1	
• Suction catheter		
<b>GADGETS</b>		
• Nebulizer		
• CPAP Machine		
• Pulse oximeter		
• Biliblanket and Led photo therapy lamp		
• Infusion pump		
• Apnoes monitor machine		
• Radiant warmer		
• X-ray viewing machine		



## Appendix XV

### **MINIMUM REQUIREMENTS POST BASIC OCCUPATIONAL HEALTH NURSING PROGRAMME.**

#### **LIST OF INSTRUCTIONAL MANUALS RECOMMENDED FOR OCCUPATIONAL HEALTH NURSING PROGRAMME**

1. Your Health and Safety at work: Instructors Guide to the Module. International Labour Organisation. Latest edition.
2. ILO Safe work Encyclopedia
3. Health and Safety Executive manuals for specific workplace issues such as stress management, Low backpain Syndrome, VDU use, manual handling etc.
4. Procedures for Primary Care Practitioners by Marilyn Winterton Edmunds and Maren Stewart Matthew.
5. Clinical Instructions on Procedures Pertinent to Occupational Health Nursing – School of Occupational Health Nursing, UCH Ibadan.
6. American Heart Association Guide for CPR 2010.
7. Manual Handling Guide for Nurses – Work Cover NSW Health and Community Services Industry Reference Group 2006.

#### **LIST OF BOOKS RECOMMENDED FOR OCCUPATIONAL HEALTH NURSING PROGRAMME**

##### **A. ANATOMY AND PHYSIOLOGY**

1. Introduction to the Human Body: the Essentials of Anatomy and Physiology. G. J. Tortora and B. Derrickson. 2012.
2. Human Anatomy and Physiology. E. N. Marvies. Latest edition
3. Anatomy and Physiology. R. R. Seeley, T. B. Stephens and P. Tate. Latest edition
4. Principles of Anatomy and Physiology. G. J. Tortora, B. Derrickson and K. S. Prezbindowski. Latest edition
5. The Simplified Anatomy and Physiology with Pathophysiology of commonest diseases. R. O. Mustapha. 2010.
6. Ross and Wilson's Anatomy and Physiology in Health and Illness. A. Waugh and A. Grant. Latest edition.
7. Regional Anatomy by Last
8. Anatomy by Hamilton
9. Physiology for Nursing Practice

##### **B. OCCUPATIONAL HEALTH AND SAFETY TEXTBOOKS**

1. Occupational and Environmental Health Nursing: Concepts and practice. Bonnie Rogers. Latest edition
2. Occupational Health Nursing. Kate Oakley. Latest edition
3. Applied Occupational Health Nursing in Developing Countries as Nigeria F.O. Akinlolu, 2004
4. Core curriculum for occupational and environmental Health Nursing. M. K. Salazar.



Latest edition

5. Good Occupational Health Practice: a guide for planning and follow-up of Occupational Health Services. H. Taskinen. Latest edition.
6. Occupational Health. B. S. Levy & D. H. Wegman. Latest edition
7. Occupational Health and work and health. S. Pantry. Latest edition
8. Occupational Disease and Poisoning. A.S.M.T. Hossain. Latest edition
9. Oxford Handbook of Occupational Health. J. Smedley, F. Dick and S. Sandra. Latest edition
10. A Guide to International Health and Safety at Work: Essential Health and Safety Guide for those with management responsibility in health and safety wherever in the world they may be working. 2013 Edition.
11. Occupational Health in Developing Countries. J. Jeyaratnam. Latest edition
12. Occupational Safety and Health for Technologists, Engineers and Managers. D. L. Goetsch. Latest edition
13. Industrial Safety, Health and Environment Management Systems. R. K. Jain and S. S. Rao. Latest edition
14. Industrial Safety Management: Hazard Identification and Risk Control. L. M. Deshmukh. Latest edition
15. Health and Safety: Risk Management. Boyle, T. 2012. IOSH
16. Issues in Health, Safety and Environment: Concepts and Approach. L.O. Unuraye. 2007.
17. Basic Occupational Health and Safety. B.F. Oluwagbemi. 2013
18. A Guide to Occupational Health Practice in Developing Countries. S.E. Asogwa. Latest edition
19. DOHS Dust, Ventilation, Sampling Strategy and TLVs module. D.K. Verma. Latest ed.
20. Occupational Medicine. J. LaDou. Latest edition
21. Occupational and Environmental Medicine. J. LaDou. Latest edition
22. Safety Handbook for Engineering and Allied Professionals. S.A. Kadiri. Latest edition.
23. ABC of Occupational and Environmental Medicine Ed. Snashall, D and Patel, D. 2nd Edition 2003.
24. Occupational Health Handbook for Primary Health Care Providers Okere, N. A. 2012.
25. Occupational Health Psychology, Ed. Leka, S. and Houdmont, J. 2010
26. Fundamental Principles of Occupational Health and Safety Alli, B. O. 2008
27. Ergonomic Checkpoints: Practical and Easy-to-Implement Solutions for Improving Safety, Health and Working Conditions International Labour Office Latest Edition
28. Occupational Health and Hygiene: For Occupational Health and Safety [Ridley, J. R. and Channing, J.](#) Latest Edition
29. Occupational Hygiene and Risk Management Tranter M. 2004



30. Principles of Occupational Health & Hygiene Ed. Cherilyn Tillman 2007
31. Occupational Health Psychology James C. Quick, Lois E. Tetrick, 2010
32. Work Design: Occupational Ergonomics Konz, S. and Johnson, S 2007
33. Fitness for work: The Medical Aspects Edited by Palmer, K, Cox, R and Brown, I. 2007 Oxford University Press.
34. Prophylaxis in Occupational Medicine -Guidelines for Occupational Medical Examinations
35. DGUV 1st edition 2007
36. OSH for Development by Elstrand, K and Petersson, N. F. 2009 Royal Institute of Technology, Stockholm 2009
37. Occupational Health Nursing Guidelines for Primary Clinical Conditions Bonnie Rogers Fourth Edition
38. Occupational Safety and Health for Technologists, Engineers, and Managers (7th Edition) by David L. Goetsch
39. Still Going Wrong!: Case Histories of Process Plant Disasters and How They Could Have Been Avoided Trevor Kletz 2003 Elsevier Science and Technology Books
40. Fundamentals of industrial and environmental health management. L. O. Unuraye. Latest edition
41. Planning occupational health and safety. G. Grammeno. Latest edition
42. Fundamentals of Occupational Health and Wellness. O.A. Odukunle. 2007
43. Safety, health, and environmental protection [Charles A. Wentz](#) Latest Edition
44. Principles and Application of Occupation Health and Safety R. C. Anyawu Latest Edition

### **FIRST AID AND EMERGENCIES TEXTBOOKS**

1. First Aid Manual – Emergency procedures for everyone at work, at home and leisure 8th Edition St John's Ambulance, Latest Edition
2. Manual of first aid management of general injuries, sports injuries and common ailments L. C. Gupta and A. Gupta. Latest edition
3. Accident & Emergency management skills and safety education. I.M. Ojedokun. Latest edition
4. Emergency nursing secrets. K. S. Oman, J. Koziol-Nklain and L. J. Scheetz. Latest edition
5. First aid manual. T. Lee, R. Crawford & J.G. Paterson. Latest edition.
6. Prevention of burns and fire in the home. O. A. Olufemi. 2011.
7. Environmental Health and Safety Audits Lawrence B. Cahill Government Institutes; 8 edition (June 28, 2001)



8. OHSAS 18001: Designing and Implementing an Effective Health and Safety Management System Joe Kausek 2007
9. International Travel and Health 2009: Situation as on 1 January 2009 World Health Organization

## **OTHERS**

1. Fundamentals of Nursing Taylor, C., Lillis, C and LeMone, P. 2005.
2. Kozier and Erb's Fundamentals of nursing: concepts process and practice. A. Berman, S. J. Snyder, B. Kozier and G. Erb. 2012
3. Pocket companion for physical examination and health assessment. C. Jarvis. Latest edition
4. Fundamental of Nursing: the art and science of nursing care. C. Taylor, C. Lillis & P. LeMone. Latest edition
5. Nursing diagnosis application to clinical practice. L.J. Carpenito-Moyet. 2011.
6. Physical examination in health assessment. C. Jarvis. Latest edition Health promotion strategies through the lifespan. R.B. Murray, J.P. Zentner, V. Pangman & C. Pangman. Latest edition
7. Health Promotion (Foundation for Practice) Jennie Naidoo Jane Wills. Latest Edition
8. Oxford Advanced Learners dictionary. A. S. Hornby. Latest edition
9. Fundamentals of Public and Community Health Education. O.A. Moronkola & F.A. Okanlawon. Latest edition
10. Introduction to Primary Health Care. A. T. Tanko Latest edition
11. Understanding Community Health. A. M. Arinola and O. G. Arinola, Latest edition.
12. Short textbook of public health medicine for the tropics. A. O. Lucas and H. M. Gilles. Latest edition.
13. Foodborne Disease Outbreaks: Guidelines for Investigation and Control World Health Organization 2009
14. Basic Epidemiology, Second Edition R. Bonita; R. Beaglehole; T. Kjellstroem World Health Organisation 2007
15. CDC Health Information for International Travel 2010 Gary W. Brunette MD MS (Editor), Phyllis E. Kozarsky MD (Editor), Alan J. Magill MD (Editor), David R. Shlim MD (Editor) Mosby; 1st edition
16. Research Process – an introduction. T. E. Filani. Latest edition
17. A Handbook of Research for Nurses. J.O. Aina. Latest edition
18. Nursing Research. B. T. Basavanthappa. Latest edition
19. Essentials of Nursing Research: appraising evidence for nursing practice. D.F. Polit and C.T. Beck. 2012.
20. Prevention is Primary. L. Cohen, V, Charez and S Chehimi, Latest edition



21. Nurses' References: the complete drug formulary. C. C. Obi, Latest edition.
22. Stedman's medical dictionary. J. K. Stegman. Latest edition
23. Essentials of Human Diseases and Conditions. M. S. Frazier and J. W. Drzymkowski. Latest edition
24. A manual on infection control for hospitals in developing countries. E.I. Iwuchukwu-Sobayo. Latest edition
25. Nutrition – a handbook for Nurses. C. Best. Latest edition
26. Essential drugs list. Federal Ministry of Health. Latest edition
27. Exercise Physiology: Energy, Nutrition and Human Performance. W.D. McArdle, F. I. Katch and V. L. Katch. Latest edition
28. Harmonized code of ethics for nurses in Nigeria. Nursing & Midwifery Council of Nigeria. 2012.
29. Rules & Regulations Guiding Nursing and Midwifery Education in Nigeria. Nursing and Midwifery Council of Nigeria. 2011.
30. Brunner and Suddarth's Textbook of Medical - Surgical Nursing. S.C. Smeltzer, B. C. Bare, J. L. Hinkle & K.H. Cheever. Latest edition
31. Essentials of management in Public and Private Sectors. A. Adefiwitan. Latest edition
32. Toward Competency: Developing Interpersonal Skills. S. R. Glaser. Latest edition
33. Managing Group Life Communicating in Decision Making Groups. L.R. Frey and J.K. Barge Latest edition
34. International travel & health. World Health Organization. Latest edition
35. A guide to crisis intervention. K. Kanel. 2012.
36. Crisis intervention strategies. R.K. James & B.E. Gilliland. Latest edition
37. International Relationships: Professional communication skills for nurses. E. Arnold & K.U. Boggs. Latest edition



**LIST OF EQUIPMENT/REQUIREMENTS FOR PRACTICAL DEMONSTRATION ROOM FOR POST BASIC OCCUPATIONAL HEALTH NURSING**

<b>NO</b>	<b>CATEGORY</b>	<b>ITEMS</b>	<b>MINIMUM NO REQUIRED</b>
1	Beds and Accessories	Bed and mattresses	4
		Couch	2
		Stretcher	2
		Cot bed and mattresses	2
		Pillows	4
		Bed side lockers	4
		Bed tables	4
		Linen Bins	4
		Bed screen	4
2	Linens	Long Bed sheets	12
		Draw sheets	12
		Pillow cases	12
		Blankets	12
		Mackintosh	6
		Face towels	6
		Bath towels	6
		Medicine towels	6
		Patient gowns (male/female)	6 each
		Plastic Aprons	6
3	Trolleys	Medicine trolleys	2
		Multi-purpose trolleys	2
4	Bowls with cover	Large Medium Small	2 each
	Bowls without cover	“ “ “	2 each
5	Kidney dishes with cover	“ “ “	2 each
	Kidney dishes without cover	“ “ “	2 each
<b>NO</b>	<b>CATEGORY</b>	<b>ITEMS</b>	<b>MINIMUM NO REQUIRED</b>
6	Gallipots	Large Medium Small	2 each
7	Trays with cover	“ “ “	2 each
	Trays without cover	“ “ “	2 each
8	Forceps	Various types	4 each
9	Cupboards	Linens cupboards	1
		Medicine cupboards	1
		Instruments cupboards	1
10	Models/charts	Adult manikins (male/female)	1 each=2
		Full Human Skeleton	1
		Body torso	1
		Child/baby manikin	1 each
		Various anatomical models and charts	
11	Instruments/Equipments	Clinical and digital thermometers	12
		Sphygmomanometer	2
		Stethoscope	2



		Glucometer
		Pulse oximeter
		Nebulizer
		Functional suction machine
		Functional sterilizer
		Defibrillator
		Oxygen cylinder and apparatus
		Drip stand
		Suction machine/Nozzles
		Ambu bags (Adult and paediatric)
		Airways (Different sizes), Endotracheal tubes
		Tuning fork
		Patella hammer
		TPR Tray
		Injection Pack
		Tape measures, Shirker's strip
		Refrigerator for storing vaccines and heat sensitive drugs
		Hand washing stand and basin, hand towel Disposable hand towel
		Urinals (male/female)
		Screen
		Ampoule breaker
		Bed pan
12	Fluids	Normal saline, 50% Dextrose, Dextrose saline, Ringer's lactate etc
13.	Infusion giving devices	Infusion giving set, cannula (of different sizes), butterfly
14.	Drugs	<ul style="list-style-type: none"> <li>• Emergency tray containing emergency drugs eg atropine, hydrallazine, adrenalin, calcium gluconate, sodium bicarbonate, Hydrocortisone etc.</li> <li>• Vitamins, ACT Antimalaria, Antibiotics, Antihistamines, Antiallergics, Analgesics, Antiemetics, Haematinics etc</li> </ul>
15.	Forms & Charts	History taking form, Pre-employment assessment forms, Pre-placement assessment forms, Return to work assessment forms, Workplace assessment forms, Risk assessment forms, Ergonomic assessment checklist, Near miss reporting forms, Incident reporting forms etc
		Vital signs chart
		Nursing care plan format
		Laboratory
		X-ray and other radiological investigation forms
		Assessment and reporting forms - Pre employment



		<ul style="list-style-type: none"> <li>- Risk assessment</li> <li>- Occupational History taking</li> <li>- Near miss/incident reporting</li> <li>- Accident reporting</li> <li>- Sickness absence</li> </ul>	
16.	Urine Testing	Reagents and equipment: Esbach Reagent Tubes Acetic Acid Salicylic Sulphuric Acid Ammonium Nitrate Silver Nitrate Test tubes Test tube rack Bursen burner Red Litmus paper Blue Litmus paper Clinitest Tablet Acetest Tablets Clinistix Strips Albustx Strips Benedicts Solution Multistrix Strips Allergy test patches	
17.	Audio-visual instruments	White magnetic board	2
		White board markers	Various types
		Flip chart stand and accessories	2
		Multimedia projector and stand	1
		Large screen	1
		Television	1
		Video and VCD player	1 each
		Educational VCD/Video cassette on various anatomical structures and occupational health and safety issues	Various types
18.	Consumables	Oxygen masks, Surgical gloves, disposable gloves, paper towel, facemasks, autodisable and retractable syringes, safety boxes, Sterile packs, Delivery packs, plaster	
19.	Lotions	Hibitane, Centramide, Methylated spirit, Savlon, IZAL, Gentian violet. Liquid soap, Hand sanitizer	
20	Bandages	Different sizes of roller, triangular bandages, elastic bandages, safety pins or clips	
21.	Personal protective equipment	Helmets (Different types), Goggles and protective eye wears, Face shields, Ear muffs (Different types), Ear plugs, Face masks,	



		Respirators (one or two way filter, with and without visor), Gloves (heavy industrial, cotton, wool, pvc coated, nitrite gloves, utility (heavy duty) rubber, latex Reflective jacket/vest, Performance shirts, raincoats, rubber aprons, steel-toed safety boots (Different types), Wellington's boots Fall arrest system/restraints	
22.	Health and Safety monitoring equipment	Sound meter Dust meter Air quality/monitoring portable devices Keystone Eye machine Height measuring equipment Weighing scales Peak flow meter Spirometer Glucometer ECG machine Audiometry machine	



## Appendix XVI

### MINIMUM REQUIREMENTS POST BASIC CRITICAL CARE NURSING PROGRAMME.

THE LIST OF RELEVANT BOOKS (MINIMUM REQUIRED) FOR POST BASIC CRITICAL CARE NURSING PROGRAMME.

S/N	BOOKS	AUTHOR	STANDARD	REQUIRED COPIES (1 - 5)
<b>ANATOMY AND PHYSIOLOGY</b>				
1.	Ross and Wilson's Anatomy and Physiology in Health and Illness 12th edition	Kathleen J. Wilson Or B.E Anne Waugh		
2.	Human Anatomy and Physiology 8th Edition	Elaine N. MariebHoehn, Benjamin Commings		
3.	New Atlas of Human Anatomy	Thomas Mccracken		
4.	Anatomy and Physiology the Unit of form and function 5th edition	Saladin McGraw-Hill		
5	Anatomy and Physiology	Denis Coom and John O. Mitter		
6	Ganog's Review of Medical Physiology	Kim E. Barret PhD		
<b>CRITICAL CARE NURSING</b>				
1.	critical care Nursing 3rd Edition	Barbara Montgomery Dossey, Catherine E. Guzzeta and corneliavanderstaay Kenner		
2.	Critical care Nursing Diagnosis and Management 4th Edition	Linda D. Orden Kathleen M. stacy		
3.	Churchill's Pocket Book of Intensive care 3rd Edition	Simon M. Whiteley Andrew Bodenham, Mark C. Bellamy		
4.	Critical care challenges, disorders, treatment and procedure	Lippincott, Williams Wilkins		
5.	The little ICU Book of facts and formalas	Paul L. Marino		
6.	Core curriculum of Paediatric Critical Care Nursing	Margaret C. slota		
7.	Practical approach to Paediatric Intensive Care	Praveen Khilnani, JAY-.pee		
8.	Critical Care Nursing Diagnosis and Management 6TH Edition	Mosby, Elsevier		
9.	Critical Care standards Audit & Ethic	Arnold, Co Published by Oxford University Press.		
10.	Introduction to Critical Care Nursing 3rd Edition	Sole LambonrHartshonr		
11.	Textbook on Paediatric Intensive Care Volume One,2nd Edition	Mark C. Rogers, Williams and Wilkins		
12.	Principles of Critical Care 2nd ed.	Mcgraw. Hill		
13.	Critical Nursing of Infant and Children 2nd ed.	Martha A.QCurley, Patricia A. Moloney Harmon		
14.	Critical care Skills .A Clinical Handbook)	Clark mims, K.H Toto		
15.	Critical Care Nursing. A Holistic Approach 10th ed.	Patricia Goncemortonand Dorrie K. Fontanie		



16. AACN Essential of Critical Care Nursing Marianne Chulay and Suzanne Burns
17. Non- Invasive Respiratory Support. A Hand Book(3rd Edition) Anita K. Simonds
18. Critical Care Nursing Made Incredibly Easy 3rd Edition Wolter Kluwer/Lippincott Williams
19. Core Curriculum for Paediatric Critical Care Nursing(AACN), Edited by Margeret C. Slota. Anna Gaullinki
20. Core Curriculum for Critical Care Nursing 4th ed. W.B Saunders CompanyHarCourt
21. Saunders Manual of critical care Elsevier science
22. Critical Care Pearls Sadan and Hefrier
- 23 Respiratory Intensive Care of Adult Surgical Patient John T. Bonner and James Hall
- 24 Principles of Critical Care Farokh Erach Ulwadia
- 25 Critical Care Nursing Janelle E. Wright
- 26 Respiratory Therapy Equipment Steven P. Mcpherson

#### **NURSING PRACTICE AND NURSING PROCESS**

1. Nursing Outcome Identification 2013 ed. Blulechek G., Butcher, Dochterman J. and Wagner C.
2. Nursing Intervention classification (NIC) 6th ed. Gloria M. Blulechek; Howard K. Butcher Joanne, Doctherman, Wagner.
3. Nursing Diagnosis Manual Planning, Individualizing and Documenting Client Care Marilyn E. Doenges, Mary Frances. Moor House and Alice C.
4. Watson's Clinical Nursing and Related Sciences 6th Edition BaillereTindall, Edinburgh London
5. Fundamentals of Nursing 6th ed. By Potter and Perry Elsevier Mosby
6. Brunner & Sudarth's Textbook of medical surgical nursing 13th ed. WoltersKuwert/Lippincott Williams & Wilkins
7. Bioethics, A Nursing Perspective 5th ed. Megan-Jane Johnstone,
8. Clinical Skills in Nursing Practice 2nd ed. Vicks Vire Ernest J. B. Lippincott Company Philadelphia
9. Kozier and Erb's Fundamental of Nursing Concepts, Process and Practice 8th ed. Berman, Snyder, kozier and Erb. Parson Education Incorporated
10. NANDA International nursing Diagnosis Definitions and Classification 2012-2014 T. Heather Herdman
11. Principles and Practice of Nursing Education. 4th ed. Francis M. Quinn, University of Greenwich London UK.
12. All in One Care Planning Resources Pamela Swearingen Elsiriev Mosby (2012)



**LIST OF REQUIREMENTS FOR PRACTICAL DEMONSTRATION  
ROOM FOR POST BASIC CRITICAL CARE NURSING PROGRAMME  
NO CATEGORY ITEMS MINIMUM NO REQUIRED**

1.	Beds & accessories	
	Cot bed and mattress	1
	Bed and Mattresses	1-2
	Pillows	2
	Bed side lockers	2
	Bed tables	1
	Linen Bins	1
	Bed screen	2
2.	LINENS	
	Bed sheets	12
	Draw Cases	12
	Pillow cases	12
	Blankets	4
	Mackintosh	4
	Face towels	4
	Bath towels	4
	Medicine towels	2
	Patient gowns (male/female)	2
	Plastic Aprons	3
	Medicine trolleys	2
3.	TROLLEYS	
	Medicine trolleys	2
	Multi-purpose trolleys	2
4.	BOWLS with cover	
	Large Medium small	2
	BOWLS without cover	2
5.	Kidney dishes with cover	2
	Kidney dishes with cover	2
6.	Gallipots	2
7.	Trays with cover	2
	Trays without cover	2
8.	Forceps Various types	4
9.	Cupboards Linens cupboards	1
	Medicine cupboards	1
10.	Models Adult dummies(male/female)	1
	Full Human Skeleton	1
	Human brain	1-2
	Pancreas	1
	Cardio-Vascular system	1
	Body torso	1
	Kidney model	1
11.	Charts Comprehensive respiratory system chart	1
	Reproductive system chart	1
	Urinary system chart	1
	Digestive system chart	1
	Cardiovascular system chart	1



	Comprehensive muscular system chart	1
	Human skeleton chart	1
	Brain and skull chart	1
12.	Instruments/Equipment Clinical thermometers	2– 4
	Sphygmomanometer	2
	Stethoscope	2
	Glucometer	1
	Pulse oximeter	1
	Nebulizer	1
	ECG Machine and Defibrillator	
	AED-Adult & Paediatric	1
	Oxygen Cylinder and apparatus	2
	Drip stand	2
	Suction machine/Nozzles	2
	Arterial and CVP Line tray catheter	1
	Dressing pack	2
	Ambu bag	2
	TPR tray	2
	Injection pack	2
	Instrument for ETT intubation	2
	Refrigerator for storing vaccines and heat sensitive drugs	1
	Sink/hand drier/sanitizer	1
	Urinals male/female	2
	Well equipped crash cart	1
	Wripple mattress	1
	Water bed	1
	Pen touch	1
	Bed pan	2
	Measuring jug	2
13.	Support and monitoring Equipment Mechanical ventilator	1
	Multipurpose monitor	1-2
	Defibrillator	1
	Resuscitation kit or box well equipped	1
	Full Adult and Paediatric Manicins	1
	Half Manicins for CPR	1
	Syringe and infusion pump	1
	Infusomate	2
	Blood warmer	2
	Suction machine, tubes and nozzles/catheter	1-2
	Oxygen concentrator/Oxygen cylinder	1
	Under water drainage system	1
	Incubator	
	Steam Kettle	
14.	Form & Chart Investigation forms/charts as many as possible	
	Vital signs as many as possible	
	Nursing Care Plan/Nursing Process	
	Admission forms	
	Laboratory forms	
	X-ray and others forms	



15.	Side Laboratory: Glucometer and ABG Machine (Haeotology Cultural Sensitivity), Microscope, Glucometer and ABG Machine	Specimen Bottles	1 each	
16.	Audio-visual instruments	White magnetic board	1 each	
	Flip charts stand and accessories		1	
	Multimedia projector and stand		1	
	Television and VCD player		1 each Educational	
	VCD/Video cassette on various anatomical structures.		Various types	
17.	Consumables	Surgical gloves, disposable gloves, masks, nurse' cap, foot wears/cover	1 pkt each	
		Pen touch	1	
		under water seal drainage	1	
	crash cart containing Emergency drugs like atropine, adrenaline e.t.c			
	I.V fluids of various types			
	Artificial airways of various sizes and types			
	Canuale of various types			
	Tracheotomy set			
	Cut down set			
	Needles and syringes			
	Adhesive tapes			
	Bandages			
	Gallipots			
	Kidney dishes with cover			
	Self inflating bags with face mask for adult and paediatrics			
	Suction catheters			
	Endotracheal-tubes, connectors and adaptors, filters			
	Laryngoscopes			
	Arterial line catheters			
	Angle poise lamp			
	Sterile packs			
	Nasal prongs			
	Blood giving sets			
	Tourniquet			
	Drip stand			
	Disposable gloves			
	Surgical gloves			
	Surgical face masks			1
	MANIKENS: (peadiatric and adults)			2 each
	CABINET CONTAINING: Various investigation forms:			3
	TABLE Big centre table			2
	MISCELLANEOUS: Sink with running water source			
	Bed pans			
	Urinals			
	Sad bags			
	Bed cradles			
	Safety disposable box for sharps			
	Dust bins			
	Linen hampers			
	Treatment			
	Vital signs			



Nursing care plan	
Admission	
Laboratory	
X-ray and others	2
	2
	2
	6 various
	1
	10
	2

**D: LIST OF EQUIPMENT EXPECTED IN THE CLINICAL SETTING FOR HOSPITAL AND COMMUNITY AREAS.**

S/n	Name Of Item/gadget	Minimum Required Number
1.	Central monitor	1
2.	Bed side monitor	4
3.	Ventilators	4
4.	Defribillator	2
5.	Blood gas analyser	2
6.	Warmer (blood and infusion)	2
7.	Nebilizer	2
8.	Pulse oximetr	6
9.	Glucometer	2
10.	Syring pump	3
11.	Infusion pump	2
12.	Laryngoscope	2
13.	Suction machine	6
14.	Adult manikin	1
15.	Peadiatric manikin	1
16.	Crash car resuscitation box	2
17.	Mouth gag	2
18.	Angle poised lamp	2
19.	Sphygmomanometers	11
20.	Stethoscope	8
21.	Pedial suction machine	2
22.	Steam sterilizer clinical area	1
23.	Diagnostic set	2
24.	Weighting scale (infant)	1
25.	Cutdown set clinical area	2
26.	DDA cupboard clinical area	1
27.	Wheel chairs clinical area	2
28.	Stretchers	2
29.	Mobile phone school	1
30.	Telephone	2
31.	Oxygen flow meter	4
32.	ECG machine (12 LEADS)	1
33.	Page writer	1
34.	Room heater/warmer	2
35.	Stailizers	4
36.	UPS	2
37.	Fire extinguishers	2



38.	Refrigerator	2
39.	Television set	1
40.	Wall clocks	2
41.	Bed side lockers	10
42.	Sitting stool with backrest	4
43.	Beds (special ICU beds)	6
44.	Mattresses	6
45.	Burns beds	2
46.	Bed pans	5
47.	Urinals	2
48.	Screens	4
49.	Large tables	3
50.	Bed cradles	5
51.	Medium tray	4
52.	Large bowls	4
53.	Sputum mug	4
54.	Electri Kettle	1
55.	Surgical scissors	2
56.	Counter scissors	2
57.	Toothed dissecting forceps	10
58.	Non-toothed dissecting forceps	10
59.	Cheath forceps	4
60.	Dressing forceps	10
61.	Instruments sterilizers clinical area	2
62.	Bowl sterilizers	1
63.	Drip stands	6
64.	Dressing drums	2
65.	Medium Kidney dishes	10
66.	Gallipots	10
67.	Air conditioners	11
68.	Metal buckets	5
69.	Mop bucket	2
70.	Plastic bowls	6
71.	Cupboards	2
72.	Dust bin	2
73.	Sitting chair	10
74.	Pedal bin	1
75.	Stainless water basin	1
76.	Calculator	1
77.	Stapler	2
78.	Plastic chairs	4
79.	Rubber jugs (Medium)	2
80.	Ripple mattress	2
81.	Sharps	4 pkts
82.	Emerency resuscitation trolley	2
83.	Dressing packets Various	
84.	Measuring jug (urine)	4



## Appendix XVII

### MINIMUM REQUIREMENTS POST BASIC PERIOPERATIVE NURSING PROGRAMME.

#### **LIST OF INSTRUCTIONAL MANUALS RECOMMENDED FOR PERI-OPERATIVE NURSING PROGRAMME.**

- School curriculum from the of Nursing And Midwifery Council Nigeria
- Student hand book
- Procedure book
- Student proficient book
- Adequate school records
- Adequate instruction material

**Physical facility:** according to the Nursing and Midwifery Council of Nigeria.

#### **List of items in the demonstration room**

- **Dissecting and cutting instruments required**

1. Scalpels 1 each
2. Knives – small and medium
3. Scissor straight and curved
4. Bone cutter and saw
5. blunt dissectors
6. Osteotomes
7. Chisels
8. Periosteal elevators
9. curettes
10. Ronguers

- **Grasping and Holding**

1. Adson forceps
2. Bayonet forceps
3. tooth dissecting forceps
4. Allis forceps
5. Babcock Forceps
6. Lahey forceps
7. Stone forceps
8. Tenaculm
9. Towel clips
10. Sponge holding forceps

- **Clamping and Occulding**

1. Haemostatic clamp artery forceps
2. Kochers



3. Lane twin anastomotic clamp
4. Intestinal clamp
5. Lloyd davis rectoil occlusion forceps
6. Payr intestinal clamp
7. Tonsil clamps
8. Mosquitos artery forceps
9. Criles
10. Dandys artery forceps

· **Retracting and exposing instruments**

1. Selfretaining retractor
2. Norfolk retractor
3. Jolly retractor
4. Allison lung retractor
5. Skin hooks
6. Rib spreader
7. Balfour abdominal retractor
8. Czerny retractor
9. Alms skin hook
10. Malleable retractor

· **Closure and approximating instruments**

1. Mayo needle holder
2. Gillies needle holder
3. Naughton morgan needle holder
4. Kilner needle holder
5. Microvascular needle holder
6. Mitchell`s clip
7. Staplers
8. Internal anastomosis stapler

· **Viewing instrument**

1. Ear speculum
2. Vaginal speculum
3. Protoscopy
4. Nasal speculum
5. Sigmondoscope
6. Gastroscope
7. Cystoscope
8. Laryngoscope
9. Laparoscope
10. Larthroscope

· **Dilating And Probing Instrument**

1. Lister dilators



2. Turner wawick dilators
3. Bouggies
4. Jackson dilators
5. Hegars dilator
6. Probs director
7. Probs
8. Neoplex oesophageal bougie

· **Aspiration, instillation and irrigation instruments**

1. Pools abdominal tip
2. Frazier tip
3. Yankauer tip
4. Auto transfusion
5. Trocar
6. Cannular
7. Metal catheter
8. Hank dilator

· **Measuring instruments**

1. Clipper
2. Rulers
3. Depth gauges
4. Uterine sound

· **Accessory instruments**

1. Mallet
2. Screw driver
3. Hudson brace

· **Kidney dishes**

1. Large size
2. Small size
3. Medium

· **Edinburgh tray**

1. Large size
2. Small size
3. Medium

· **Bowls**

1. Galipot
2. Bowl
3. Bowl Stand
4. Bowl Small Size



5. Bow Large Size
6. Bowl Medium
7. Jug

· **Equipment**

1. trolleys Medium
2. Trolleys instrument laying
3. Anaesthesia machine
4. Suction machine
5. Autoclave machine
6. Endoscope with light source (old one)
7. Defibrillator (old one)
8. Operating table with accessories
9. Instrument cupboard
10. Oxygen cylinder
11. Linen and linen cup board
12. Hospital bed
13. Chairs
14. Drip stand
15. Auto clave tape
16. Clog and boots
17. Sutures different size and types
18. kick about
19. Swab rack
20. Screen
21. Glass cupboard for sutures
22. Surgical glove various size
23. Operating light
24. Swab count board
25. Swab
  - a. Gamgee
  - b. Peanut
  - c. Raytec
  - d. Plain swab
  - e. Abdominal pack
26. Specimen container
27. Packaging materials
28. Reuse and disposable scrubbing brushes
29. Brush dispenser
30. Drapes reuse and disposable
  - a. Leggings
  - b. Perineal sheet
  - c. Laparotomy sheet
  - d. Thyroid sheet



- e. Chest sheet
- f. Separate sheet
- g. Split sheet
- h. Minor sheet
- i. Single Minor sheet
- j. Fenestrated Minor sheet

**40. Stationaries**

- a. laboratory forms
- b. patient note
- c. treatment notes
- d. nurse note (nursing care plan)

