**(FORM D)**

**CLINICAL ACCREDITATION GUIDELINE AND CONDITIONALITIES FOR PROSTHETICS & ORTHOTICS PRACTICE IN NIGERIA**

**GUIDELINES**

All Health Institutions/Hospitals offering services in prosthetics & orthoticsshall be accredited/re-accredited for Board’s recognition, internship training programme and safe practice.

**Values**

1. Proper identification **reflecting** Physical facilities of the prosthetics/orthotics and their technicians.
2. Total evaluation/assessment of **concepts** applied for workshop/demonstration procedures;
3. Appraisal of the various **fabrications**involved in the day-to-day procedures.
4. Standardization of **tools/equipments** utilized in clinical procedures;
5. Proper maintenance of available **infrastructural facilities;** and
6. Availability of **Manpower/Human Resources** profiles.

**Adopted Standards**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S/N** | **Category of Health Institutions/Hospitals/**  **Clinics** | **Expected Nos. of prosthetics & orthotics** | **Expected Nos. of Intern prosthetics & orthotics** | **Expected Nos. of NYSC prosthetics & orthotics** | **Expected Areas of Specialization** | **Headship Arrangement** | **Other Comments** |
| 1 | Health Institutions/Hospital of 500beds and above | 10 | - | - | nil | Master degree holder with at least 8 years clinical experience |  |
| 2 | Health Institutions/ Hospitals with 400-500beds | 10 | - |  | nil | Master degree holder with at least 8 years clinical experience |  |
| 3 | Health Institution/Hospitals with less than 200-400 beds | 8 |  |  | nil | Master degree holder with at least 8 years clinical experience |  |
| 4 | Health Institution/ Hospitals with less than 200 beds | 8 |  |  | nil | Master degree holder with at least 8 years clinical experience |  |
| 5 | Orthopaedic Hospitals | 10 |  |  | nil | Master degree holder with at least 8 years clinical experience |  |
| 6 | Private Hospitals with 100 beds | 5 | - | - | nil | Master degree holder with at least 8 years clinical experience |  |

**Physical Facilities (prosthetics & orthotics)**

1. **Physical Facility:-**A unit or departmental building with a conspicuous sign post that will comprise the followings:-
2. Reception with patient waiting area, table/chair for the receptionist or record clerk. Upright sitting chairs for patients
3. Adequate conveniences for staff and patients for both gender
4. Assessment room with couch bed and chair
5. Fitting area with adjustable parallel walking rails, long wall mirror and upright sitting chairs for patients
6. Prosthetist/Orthotist common room
7. Plaster Casting Technique room
8. Prosthetic/Orthotic Laboratory (combined or separated)
9. Gait training room
10. Casting modification room
11. Lamination room with air expeller wall fan
12. Workshop room
13. Machinist/Repair section room
14. Quality control room
15. Stores
16. Seminar rooms

**Basic Machineries/Equipments and Tools**

1. **Examination Room:-** Measurement charts, measuring rules, Goniometer, Raising Blocks, Slump gauge measure.
2. **Plaster Cast Room:**-Plaster Cutting Machine, Surfoam Rasp, Plaster Mixer bowl, Spatula, cast stool, Indelible pencils, scissors, plaster shears, Vaseline, nail pulley, card boards, fauna knives.
3. **Prosthetic – Orthotic Laboratory:-** Grinding/Polishing machine, Metal Cutting Machine, Drilling Press or Brace, Anvil, Vice Oven, Complete Tool Box, Protective gadgets, Hack saw, Plier frame with blades or Table Band Saw, Hammers, Rivet Cutters, Screw Driver, Punches, Files, Drill Bits, Scissors, Rulers, T-Square.
4. **Lamination Room:**-Vaccum Machine, Sealing Iron, Scissors, Tape Measure, T-square, Spatula, cardboards and cups PVA Measuring Instrument, Fauna knives.
5. **Wood Section:**- Work benches with wooden Vice, Rasps, Filer, frame with blades or Table Band Saw, Hammers, Couch chisels, Iron punchers, Screw driven, Drill Bits, Saws, T-square, Micrometer clamp, Fauna knives in Table Band saw, hack saw frame with blades.
6. **Machine/Repair Section:**- Lathe machine, Drill press or chest Brace, Welding machine, Work bench with iron vices, Anvil, Iron clamp, metal cutting machine or Guillotine Rasps, Files, hammers, Screw Drivers, Reamers, T-square, Drill Bits, Hack Saw frames with blades, Grinding/Polishing machine, Cutting pliers, Pincers, Metal shears, protective gadgets.

**Others:- X-ray** viewer, Hot air ovum, spectrophotometer, Plastic wielding machine, jig machine, oven, suction machine, histological slides/CDS, Bones, Stains/Dyes, Stokinettes, Bandages, Eva foam, Adhesives, Leather, Hardner, Microscope, Microtone, Automatic tissue processor.

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| --- | --- | --- |
| **S/NO** | **EQUIPMENT** | **EXPECTED NUMBER** |
| 1. | 50:50 Tool | 2 |
| 2. | Adjustable Goniometer | 4 |
| 3. | Adjustable pin Wrench | 2 |
| 4. | Alignment Fixture for orthotic joints | 2 |
| 5. | Alignment tool for adult component | 4 |
| 6 | Alignment tool for children’s component | 2 |
| 7. | Allen key “5” | 2 |
| 8. | Allen key “8” | 2 |
| 9. | Allen wrench of different sizes | 2 each |
| 10. | Assembling aid for orthoses | 2 |
| 11. | Awl handle | 3 |
| 12. | Ball Head Allen wrench, of different sizes | 4 |
| 13. | Ball hex head Allen wrench | 2 |
| 14. | Bayonet for cutting axis for cutter 1-30 | 2 |
| 15. | Bench Vise | 2 |
| 16. | Bending iron | 11 |
| 17. | BionicLink PC | 2 |
| 18. | Bow End wrench set (7pcs of 9) | 2 |
| 19. | Caliper | 2 |
| 20. | Center Drill | 2 |
| 21. | Charger 100-240V AC 50-60Hz | 2 |
| 22. | Combination box and open end wrench set (14 pcs of 17) | 2 |
| 23. | Countersink, 90\*, HSS | 2 |
| 24. | Curved seaming pliers | 3 |
| 25. | Cutting knife | 2 |
| 26. | Cutting pliers | 2 |
| 27. | Deburring knife | 2 |
| 28. | Double open end spanner set | 2 |
| 29. | Drill arm | 2 |
| 30. | Drill bit set | 2 |
| 31. | Drill vise | 2 |
| 32. | Drilling fixture | 2 |
| 33. | Edge cutter | 2 |
| 34. | Exhaust arm | 2 |
| 35. | Filter | 4 |
| 36. | Flat nosed pliers | 3 |
| 37. | Floor model drill press, light grey | 2 |
| 38. | Folding ruler | 2 |
| 39. | Half round file | 3 |
| 40. | Half round leather knife | 2 |
| 41. | Half round cabinet file | 2 |
| 42. | Hammerhead | 2 |
| 43. | Heatflow Activator 3000 | 2 |
| 44. | Hexagon bit, 2mm | 2 |
| 45. | High leverage side cutting pliers | 2 |
| 46. | Hole punch set | 2 |
| 47. | Ideal sheet metal shears | 2 |
| 48. | Joint squaring jig | 2 |
| 49. | Joint-specific brackets | 10 |
| 50. | Knee centre jig | 2 |
| 51. | Knife | 2 |
| 52. | Kraftform screwdriver set (1pcs of 12) | 2 |
| 53. | Last cutter | 2 |
| 54. | Lead block | 2 |
| 55. | Leather file with wooden handle | 2 |
| 56. | Leather knife | 2 |
| 57. | Leather scissors | 6 |
| 58. | Leather upper scissors | 2 |
| 59. | Liner trimmer | 2 |
| 60. | Locking plier, straight jaw | 2 |
| 61. | Locksmith’s hammer | 4 |
| 62. | Makita drilling tool | 2 |
| 63. | Makita drilling tool charger and battery | 2 |
| 64. | Measuring tape | 3 |
| 65. | Metal hacksaw frame | 2 |
| 66. | Metal saw blade | 2 |
| 67. | Mounting frame with 3 integr. Laser | 2 |
| 68. | MyoBoy connection cable | 2 |
| 69. | MyoSelect | 2 |
| 70. | Nippers | 2 |
| 71. | Open end wrench set (8 in a set) | 2 |
| 72. | Orthotic alignment aid | 2 |
| 73. | Pinking shears | 2 |
| 74. | Pipe reamer | 2 |
| 75. | Plug spanner (local) | 2 |
| 76. | Precision saw, rectilinear | 2 |
| 77. | Precision spring compass | 2 |
| 78. | PROS.A. Assembly | 2 |
| 79. | Quarter-round leather knife | 2 |
| 80. | Raider drilling tool | 2 |
| 81. | Rasp | 2 |
| 82. | Replacement blade (11pcs of 12) | 2 |
| 83. | Replacement blade f.718H5 (100pcs) | 2 |
| 84. | Revolving eyelet punch | 2 |
| 85. | Rivet header | 2 |
| 86. | Rivet set | 2 |
| 87. | Round file | 2 |
| 88. | Round nose pliers | 2 |
| 89. | Ruler | 2 |
| 90. | Sanding drum | 2 |
| 91. | Screw driver (6pcs set) | 10 |
| 92. | Scriber | 2 |
| 93. | Service unit | 2 |
| 94. | Sharpening stone | 2 |
| 95. | Shoe measuring tape | 3 |
| 96. | Shoe patching machine A30-10 package dea | 2 |
| 97. | Shoe stretcher, locking | 2 |
| 98. | Shoemaker’s hammer | 2 |
| 99. | Shoemaker’s knife | 2 |
| 100. | Shoemaker’s nippers | 2 |
| 101. | Slot punch | 2 |
| 102. | Sole cutter AC 16 teeth of different sizes | 2 each |
| 103. | Special socket protractor | 2 |
| 104. | Spiral drill bit of different sizes | 2 each |
| 105. | Spring clamp | 10 |
| 106. | Square file | 2 |
| 107. | Staple remover | 2 |
| 108. | Storage container | 2 |
| 109. | Strip cutter | 2 |
| 110. | Superskin sampler ring (1set) | 2 |
| 111. | Swivel chair | 2 |
| 112. | Tack remover | 3 |
| 113. | Tap and die set, HSS | 2 |
| 114. | Tapered cutter, HSS | 4 |
| 115. | Test adapter | 2 |
| 116. | T-Handled Hex wench | 4 |
| 117. | Tool cabinet, light grey | 2 |
| 118 | Torque screwdriver, 0.3-1.2Nm | 2 |
| 119. | Torque wench | 2 |
| 120. | Tracing wheel | 2 |
| 121. | Tube cutter | 2 |
| 122. | Tweezers | 2 |
| 123. | Universal pliers | 2 |
| 124. | Vice jaws for pyramid adapter | 2 |
| 125. | Vise | 2 |
| 126. | Vise jaws protector | 2 |
| 127. | Warding file set | 2 |
| 128. | Wire cutter | 2 |
| 129. | Wire hand brush | 2 |
| 130. | Wire netting pliers | 2 |
| 131. | Wood rasp, flat | 2 |
| 132. | Workbench | 2 |
| 133. | Workbench for lamination resin work | 1 |
| 134. | Workbench with drawer unit | 1 |
| 135. | Wench | 1 |

1. **Patients and Staff Toilets:**- Separated rooms

**Mode of Dressing:**-

1. Long overalls for Prosthetists/Orthotists and Assistants because of clinical responsibilities, duties and involvement.
2. Khaki long overalls for Technicians/craftmen because of fabrication/workshop environment.

Signed

**Dr. (MRS.) AKANLE, OLUFUNKE T.**

**REGISTRAR/CEO (MRTB)**