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|  | NUST School of Health Sciences | | |
| | House job Policy for MBBS Program | | |
| | NSHS-Princ.Sect.23/ | 1st version | 15th July 2023 |

House Job Policy for Medical Graduates (Based on PMDC UG MBBS Curriculum 2022):

1. **Objective:** The house job is an essential part of medical education aimed at providing practical exposure and experience to medical graduates. The objective of this policy is to outline the guidelines and requirements for medical graduates pursuing their house jobs as per the PMDC UG MBBS Curriculum 2022. The college will be responsible for providing house job to its graduates and any other outside application will only be considered if the seat remains empty after this provision.
2. **Duration:** The house job will be of a duration of one year, divided into four rotations of four months each. The rotations will cover essential medical specialties, including Medicine, Surgery, and a choice of either Pediatrics, Obstetrics & Gynecology, or other specialties as specified by the curriculum.
3. **Eligibility:** Only medical graduates who have successfully completed and passed the final year examinations as per the PMDC UG MBBS Curriculum 2022 are eligible for the house job.
4. **Application Process:** Medical graduates must apply for house jobs through a designated application process outlined by the relevant medical institution or hospital. Selection will be based on merit, and applicants may be required to appear for interviews or assessments as determined by the institution.
5. **Rotations:**
 - a) **Medicine Rotation:** Medical graduates will spend four months in the Department of Internal Medicine, gaining experience in diagnosing, treating, and managing medical conditions under the supervision of qualified physicians.
 - b) **Surgery Rotation:** Four months will be dedicated to the Department of General Surgery, where medical graduates will participate in surgical procedures, patient care, and post-operative management.

c) **OBGYN Rotation:** Four months will be dedicated to the Department of Obs & Gynae, where medical graduates will participate in antenatal & post-natal care of mother. OR

Paediatrics Rotation: Four months will be dedicated to the Department of Paediatrics, where medical graduates will participate in Paediatrics where they will be responsible for the medical treatments of Paediatrics patients.

d) **Supervision and Training:** During each rotation, medical graduates will be closely supervised by experienced physicians and specialists. Regular assessments and evaluations will be conducted to ensure the acquisition of essential skills and knowledge.

6. Responsibilities:

a) Medical graduates will be responsible for patient care, record keeping, participating in rounds, and assisting senior medical staff in various clinical tasks.

b) They may also be required to attend lectures, seminars, and workshops to enhance their theoretical knowledge.

7. Assessment and Certification: Assessment of medical graduates during each rotation will be based on clinical performance, professionalism, and knowledge. Successful completion of all four rotations will lead to the award of a house job completion certificate as per the PMDC UG MBBS Curriculum 2022.

8. Ethical and Professional Conduct: Medical graduates must adhere to the highest standards of ethics, professionalism, and patient care during their house job. Any misconduct or violation of medical ethics will result in disciplinary action.

9. Competencies: Following are the competencies expected by graduating house officers and will be used to develop the Clinical Skills Examination (CSE) in conjunction with the theory syllabus above.

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| 1 | Obtaining an appropriate and relevant history and identifying the main findings |
| 2 | Performing systemic and mental state examination along with appropriate documentation |
| 3 | Establishing a differential diagnosis |
| 4 | Measurement of temperature, respiratory rate, pulse rate, blood pressure, oxygen saturations, NG output and urine output |

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| 5 | Taking samples of venous blood to test for the growth of infectious organisms in proper culture bottles |
| 6 | Carrying out arterial blood gas and acid base sampling from the radial artery in adults |
| 7 | Perform essential lifesaving procedure (Basic Life Support, tracheostomy, endotracheal intubation and chest intubation) |
| 8 | Carrying out nasogastric tube placement |
| 9 | Measurement of central venous pressure (CVP) |
| 10 | Performing airway care including simple adjuncts (oro-pharyngeal airway or laryngeal masks, naso-tracheal airway) |
| 11 | Carrying out venepunctures |
| 12 | Measuring capillary blood glucose |
| 13 | Carrying out a urine multi-dipstick test |
| 14 | Carrying out a 3- and 12-lead electrocardiogram |
| 15 | Use the correct technique to apply sterile swabs to the nose, throat, skin and wounds |
| 16 | Requesting and interpreting the results of appropriate investigations to confirm clinical findings |
| 17 | Interpretation of X-rays of upper and lower limbs, chest, abdomen and pelvis |
| 18 | Setting up an infusion |
| 19 | Prescribing and administering oxygen |
| 20 | Preparing and administering injectable (intramuscular, subcutaneous, intravenous) drugs |
| 21 | Injecting or topically applying local anesthetics |
| 22 | Carrying out intravenous cannulation |
| 23 | Carrying out safe and appropriate blood transfusion |
| 24 | Carrying out male and female urinary catheterization |
| 25 | Carrying out wound care and basic wound closure and dressing |
| 26 | Applying splint for fractures |
| 27 | Performing surgical scrubbing up |
| 28 | Performing digital rectal examination and Proctoscopy |
| 29 | Performing and interpreting peak flow using simple devices |
| 30 | Calculating BMI, carrying out nutritional assessment of patients and guiding them according to their caloric requirements |
| 31 | Performing basic ophthalmoscopy and identifying common abnormalities |
| 32 | Performing basic oto-scopy and identifying common abnormalities |
| 33 | Demonstrating that they are good communicators |
| 34 | Communicating with patients about the procedures |
| 35 | Demonstrating that they are sensitive (empathetic) and respond to the needs and expectations of patients irrespective of their caste, gender and economic status |
| 36 | Using the correct techniques for moving and handling patients, including those who are frail |
| 37 | Asking for patient's informed consent |

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| 38 | Instructing patients in the use of devices for inhaled medication |
| 39 | Prescribing medicines safely and effectively and giving clear explanations to patients |
| 40 | Demonstrating an understanding of the safety procedures involved in prescribing controlled drugs |
| 41 | Demonstrating sound knowledge concerning confidentiality and anonymity |
| 42 | Introducing themselves to patients and colleagues with appropriate confidence and authority ensuring that patients and colleagues understand their role, remit and limitations |
| 43 | Demonstrating respect for patients' rights to refuse treatment or take part in teaching or research |