

The Medical Odyssey: Post-MBBS Career Insights

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Pre and para-medical NEET PG seats to become more clinically oriented

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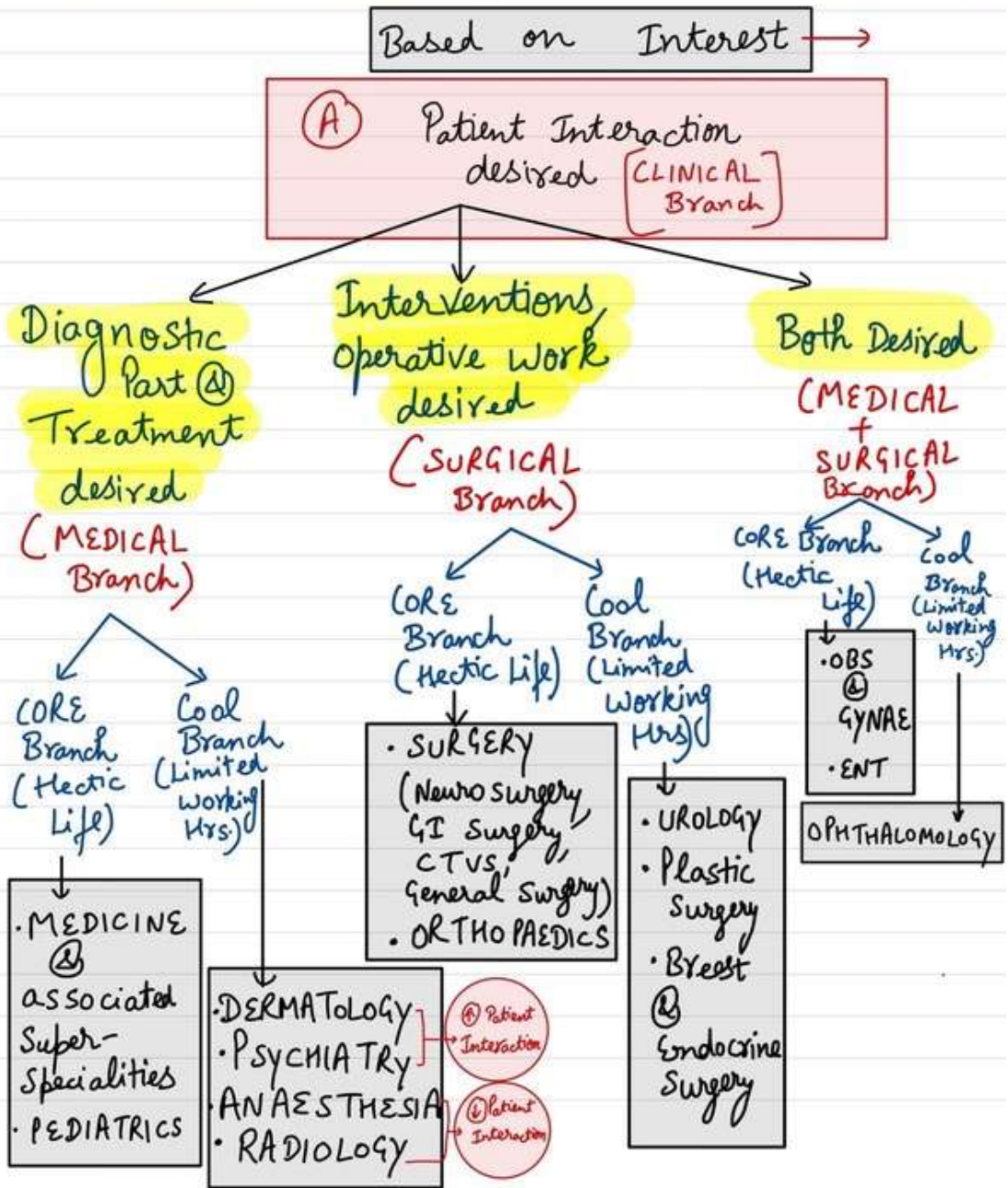
After five rounds of admission counselling, as many as 1,456 NEET PG seats have been lying vacant for the 2021 academic session. This was revealed by Bharati Pravin Pawar, Minister of State for Health in a written response to a query in Lok Sabha on whether the seats had remained vacant after exhausting all permissible rounds of counselling.

Lack of opportunities in terms of jobs and financial stability in certain pre and para medical specialisations causes disinterest among students, leading to the vacant seats. The Ministry of Health is taking proactive steps to bring these seats under the ambit of 'clinical' so that post completion of the degree, students become job ready.

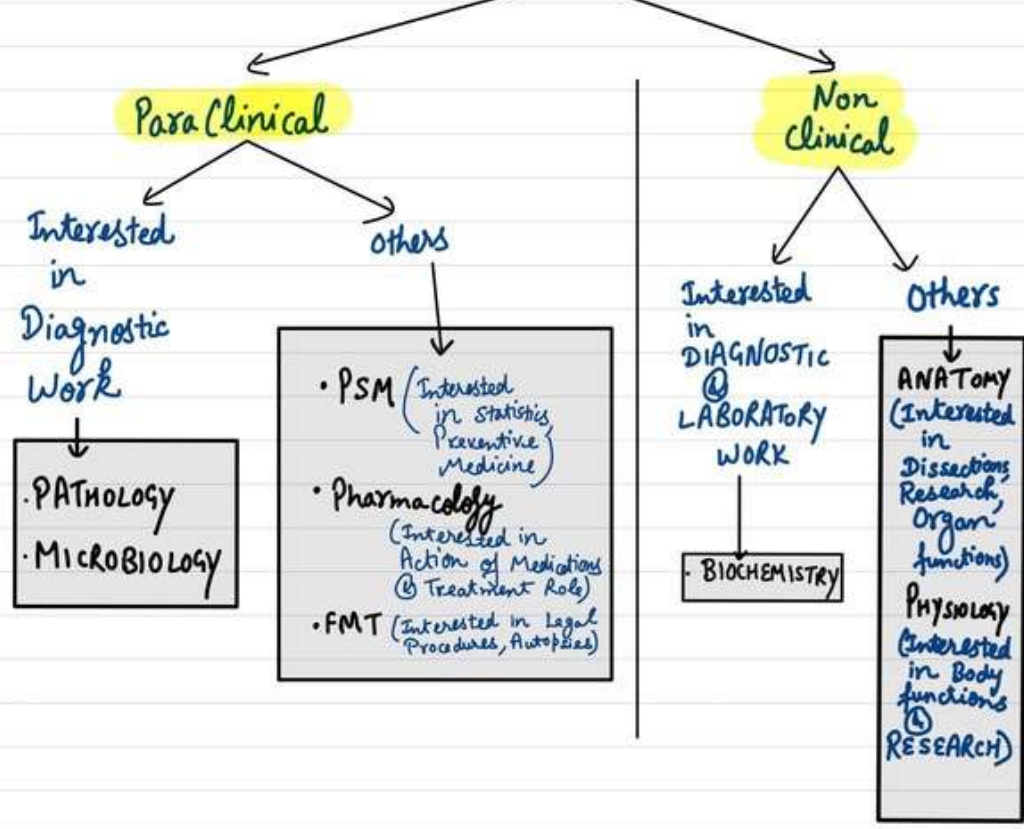
Root cause

Clinical streams remain the favourite among NEET PG aspirants while certain pre and para-medical streams like Pharmacology, Anatomy, Physiology, Biochemistry, and Microbiology are not preferred, says Dr Abhinav Arun Sonkar, professor and head of surgery, King George's Medical University (KGMU), Lucknow. "These streams offer the opportunity only to become a faculty member or get into research. Unfortunately, both of these have lost their charm today," he says.

HOW TO CHOOSE A PG CAREER BRANCH (POST MBBS)



(B) Patient Interaction not desired [Non clinical/Para clinical Branch]



😊 HOPE IT HELPS YOU 😊

Overview



Current opportunities

Academics

Research

Industry and organisations

Others roles



Recruiters



Opportunities abroad



Future scope

Academics

Senior
residents

Assistant
Professor

Associate
Professor

Professor

Research

- In ICMR (Indian Council of Medical Research), CSIR (Council of Scientific & Industrial Research) as medical scientist
- In Clinical Research Organization (CRO)
- NGO's

Pharmaceutical industry

- Areas of clinical trials
- BA/BE studies
- Basic science research
- Product development – R & D
- Marketing
- Pharmacovigilance
- Administration and finance



Roles in Pharmaceutical industry

- Medical Advisor
- Drug safety physician
- Clinical trial coordinator
- Medical writing
- Clinical Research associate





Infection Disease Control/Prevention Specialist



Environmental microbiologist



Food quality assurance scientist



Food and cosmetics

Public health

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graph LR; A[Public health] --- B[Disease surveillance and epidemiology]; A --- C[Health promotion and education]; A --- D[Environmental health]; A --- E[Public health policy and administration];
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Disease
surveillance
and
epidemiology

Health
promotion
and education

Environmental
health

Public health
policy and
administration



Research associate

WHO – Field work

Epidemiologist

Public health – state

Consultant

Practice





Hospitals, nursing homes and health centres

Government or private research agencies

Government healthcare departments

Defence Force – Army, Navy or Air Force

Indian Railways

Non-Government Organisations (NGOs)

Future scope



BIG DATA



ARTIFICIAL
INTELLIGENCE



MOLECULAR
GENETICS



HEALTH
ECONOMICS



PATENT



START UP

Opportunities abroad

Links to refer

- <https://glotalent.org/wp-content/uploads/2019/01/MD-Career-Pathway.pdf>
- <http://blog.shreetguidance.com/popular-non-clinical-branches-after-mbbs/>
- <https://www.nmc.org.in/MCIRest/open/getDocument?path=/Documents/Public/Portal/LatestNews/final%20PGMER%20draft.pdf>
- <https://www.educationtimes.com/article/campus-beat-college-life/99733276/why-hundreds-of-mbbs-and-pg-seats-remainvacantafter-counselling>