

POSTGRADUATE TRAINING

How to improve?





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MBBS (PGT)

FCPS (P-I)

FCPS(P-II)

MD (Thesis)

Training

Training is the process of learning the skills that one needs for a particular job or activity

Training

- The process of bringing a person to an agreed standard of proficiency by practice and instruction

Training

- To guide or teach to do something by subjecting to various exercises or experiences

Postgraduate Training (PGT)

- Any formal teaching & learning following graduation for a defined period in a recognized institution

Post graduate training

Web definition

- Post-graduate education involves learning and studying for degrees, professional or academic certificates, or other qualifications for which a first or Bachelor's degree generally is required, and it is normally considered to be part of higher education. ...

http://en.wikipedia.org/wiki/Post-graduate_training

Post-graduate education

- The organization and structure of postgraduate education varies in different countries, as well as in different institutions within countries.

Postgraduate degree

It may be a

- Research degree, e.g. PhD, or
- A course-work masterate with a vocational bias, or
- Any combination of these

PGT: Objectives

- As a pre-requisite for postgraduate academic degree/award
- For an improvement of professional knowledge and skill
- Professional distinctions for a social & financial benefit

PGT: Areas

- Preclinical
- Paraclinical
- Clinical
- Research
- Others

Institutes for PGT

- Bangabandhu Sheikh Mujib Medical University (BSMMU)
- Specialized Post Graduate Institutes
- Public & private Medical Colleges

Institutes for PGT

- Districts Hospital & Upa-zilla Hospitals having Postgraduate consultants

PGT: Types

BSMMU

- Postgraduate residency program from 2009

Other Institutions

- Full time residential postgraduate training

BSMMU

Expanding its residency program to 14 Medical Colleges & Institutes to accommodate 400 more students from 2014

BSMMU

- 7 students are admitted in each of 44 subjects every year
- Enrolled $> 1\ 200$ students



Medical Colleges for Residency Program

- Public Medical Colleges in Dhaka, Chittagong Mymensingh, Rangpur, Rajshahi and Sylhet
- National Institute of Mental Health
- National Institute of Chest Diseases & Hospital

Medical Colleges for Residency Program

- National Institute of Ophthalmology
- Dhaka Dental College
- BIRDEM Academy
- Institute of Child & Maternal Health
- Khaja Yunus Ali Medical College

How the training is provided ?

- Hands on training
- Bedside teaching
- Small group discussion
- Lectures
- Case presentation
- Ground round

How the training is provided ?

- Symposium, seminar & Journal club
- Services related to patient management
 - ▣ History writing, physical examination, planning for investigations, patient management & follow up

Training posts

- Medical officer
- HMO
- Assistant registrar
- Registrars
- Resident physicians/surgeons

Duration of training

- **BSMMU** residency program

5 years: Clinical faculties

degrees MD or MS

2-4 years: Basic medical

science M. Phil

Duration of training

BCPS

- Fellowship (FCPS): 2 -4 years
- Membership (MCPS): 1 year

Others

- 2-3 years

Duration of training

- Any training of <6 month duration (continuous) is not recognized as postgraduate training

Postgraduate degrees offered

- MD
- MS
- Diplomas
- Fellowship: FCPS
- Membership: MCPS
- Ph.D.
- M.Phil.

Institutes offering postgraduate degrees & Diplomas

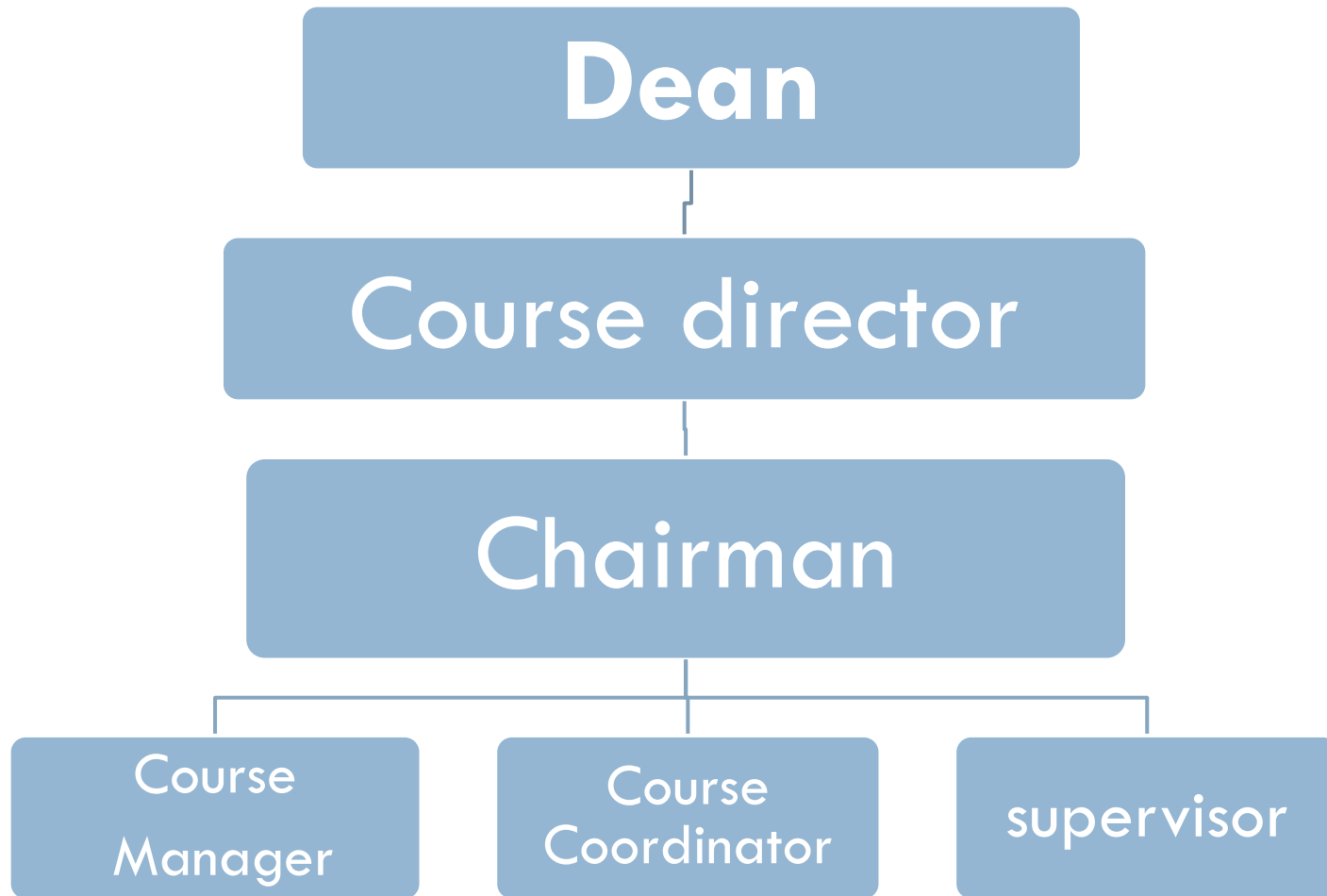
- BSMMU
- Public Universities having Medical Faculty
- Specialized postgraduate institutes
 - BCPS
 - NICVD
 - NIDCH
 - NIO

Training Supervisor

- Professor
- Associate professor
- Assistant professor
- Consultant

Residency program

Management Hierarchy



Activities done: Trainee

- Patient management
- Administrative activities
 - ▣ Part of job
- Attending ward round, grand round, symposium seminars, journal club etc.

Activities done: Trainee

- Perform assignments by the supervisor
- Private practice or 3rd job

Activities done: Supervisors

- Patient management
- Administrative activities
- Academic activities:
 - ▣ Undergraduate & post graduate students
 - ▣ Attending ward round, grand round, symposium seminars, journal club etc.

Activities done: Supervisors

- Perform assignments by authorities
- Private practice or 3rd job

Pitfall

- Although called residency program BSMMU don't have infrastructure for residential facilities and the students are arrange their accommodations

Pitfall

- Though all the postgraduate training programs are full time and residential, practically it becomes roster based duties

Pitfall

Supervisors/trainers

- Supervisors/teachers are teachers not by choice rather by chance
- Don't have any formal training or orientation
- Don't get any incentives or appreciation
- Never been evaluated for the training

Pitfall: Program

- ❑ Don't have any curriculum, manual or module for desired training program
- ❑ No evaluation during or at the end of program
- ❑ Log books: most don't have, those who have is not followed or authentically evaluated

Pitfall: Program

- Certificate: don't have any value except to attend post graduate course

Pitfall

Training Institutions

- Infrastructure, manpower, logistics & facilities
- Number of trainees not proportion to the trainers

Pitfall

Neglected areas

- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Forensic medicine
- Community medicine

Neglected areas

- Research training
- Biostatistics
- Behavioral/social science
- Communication & IT skill

How to Improve ?

- Training program
- Training institution
- Trainer
- Trainee
- Evaluation

Training program

- Well designed training program with objective oriented curriculum, training manual, logbook
- Prefixed lesson plan & supervised teaching, learning & training session

Training program

- Trainee & trainer dedicated for the program
- Financial support for trainee and trainer

Training program

- Postgraduate Medical Education and Training Board (PMETB) for quality assessment, quality control, and quality maintenance

Training program

- Periodic evaluation of the program by independent external monitor

Training institution

- Infrastructure, facilities, logistic, manpower etc
- Training environment
- Number of trainee
- Quality assurance

Trainer

- Knowledgeable, skilled, well trained, oriented and motivated
- Number should be adequate
- Should own the program
- Committed for training program
- Remuneration

Trainee

- Committed for training
- Oriented with objectives, curriculum, system of the program
- Financial support to be more attentive for training

Trainee

- Assessment: Formative, summative
- Training certificate should have independent professional & academic value

Conclusion

Improvement of the postgraduate training needs improvement of training program, trainer, trainee, training institution and addition of more practical value to training certificate

Thanks to all

