

# Journey of Medical Education Department, BCPS: Its Contribution in Developing Skilled Fellows for Effective use of Assessment Tools

S R AFROZE<sup>a</sup>, M M HASAN<sup>b</sup>, ABM JAMAL<sup>c</sup>, T BEGUM<sup>d</sup>

(*J Bangladesh Coll Phys Surg 2022; 40: 107-109*)

DOI: <https://doi.org/10.3329/jbcps.v40i40.59915>

## Background

BCPS established Medical Education Department (MED) in February, 2017 with the aim to aware the teachers and examiners of the concepts of assessment and thus improving the overall assessment system performed by BCPS. The assessment system of BCPS focuses on the competencies related to knowledge, skills and attitude, which the specialist doctors must have to serve at the community level in their clinical context.

Till establishment of Medical Education Department in 2017, the Examination Department of BCPS and Medical Education Cell arranged workshops on assessment tools. The first workshop on 'How to construct OSPE/OSCE station' was arranged by Examination Department on 18-26<sup>th</sup> October 2010. Side by side, work for developing a question bank for OSPE stated in the same year. Till 2014, the Examination Department arranged workshops on Single Best Answer (SBA) and OSCE. In June 2015, a committee of Medical Education Cell was formed which organized workshops on MCQ, SBA and OSPE which were interactive, practical oriented and

participatory. All the questions constructed in these workshops were handed over to the Examination Department of BCPS for inclusion in the question bank (Table I).

## Medical Education Department

Since 2017, following its establishment, Medical Education Department of BCPS, organized many workshops (8:30am-3pm) on MCQ, SBA, OSPE, communication skill, written script assessment, Short answer questions (SAQ), interactive oral examination (IOE) and clinical case assessment. There were trained facilitators in Medical Education in each workshop. In the 2 day workshop, on the first day, short presentation on respective topic were given, following which all participants were divided into small groups to prepare tasks of the topic (MCQ, SBA/ OSPE/Clinical assessment). This was based on the principle of 'Learning by doing'. On the 2<sup>nd</sup> day each group presented their group work and other groups along with facilitators provided positive and constructive criticism on their works (table II).

**Table-I**

*List of workshops arranged by Medical Education Cell (2015-2016).*

Workshop on	Date	Faculty	Participants
MCQ (2 days) 6 workshops	2015 Sep -Nov	Medicine, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology	106
SBA (2 days) 7 workshops	2016 Feb-April	Medicine, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology, Psychiatry, Orthopedics, Anaesthesiology, Physical Medicine, Radiology, Radiotherapy, Orthodontics,	199
OSPE (2 days) 7 workshops	2016	Medicine, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology, Psychiatry, Orthopedics, Anaesthesiology, Physical Medicine, Radiology, Radiotherapy, Orthodontics,	241

a. Dr. Samira Rahat Afroze, Assistant Professor (Medicine), BIRDEM General Hospital & Ibrahim Medical College

b. Dr. Md Mehedi Hasan, Assistant Professor (Urology), Kurmitola General Hospital

c. Prof. ABM Jamal, Principal Mughda Medical College, Councilor & Director RTM Dept BCPS

d. Prof. Tahmina Begum, Councilor & Honorary Director Medical Education Dept. BCPS.

**Address of Correspondence:** Dr. Samira Rahat Afroze, Assistant Professor (Medicine), BIRDEM General Hospital & Ibrahim Medical College. Email: [srafroze06@gmail.com](mailto:srafroze06@gmail.com)

Since January 2019 till April 2022 total 31 workshops trained 1419 Fellows of all specialties (table III). Due to COVID 19 lockdown in 2020 there was a pause in arranging on campus workshops. Workshops resumed from September 2020.

All participants were given certificates after completion of the workshops in presence of Honorable President,

BCPS / Honorary Secretary / Chairman, Medical Education Department. All the questions constructed in these workshops were handed over to the Examination Department of BCPS for inclusion in the question bank.

Apart from holding regular committee meetings, the department also organized several meetings with other Departments and faculty members regarding accreditation systems and problems for the college.

**Table-II**

*List of workshops arranged by Medical Education Department (2017-2018).*

Workshop on	Date	Faculty	Participants
MCQ with SBA (2 days) 14 workshops	2017-18	Medicine and allied, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology, Psychiatry, Orthopedics, Anaesthesiology, Physical Medicine, Radiology, Radiotherapy, Maxiofacial Surgery Orthodontics & Dentofacial orthopedics, Basic Science subjects	430
OSPE (2 days) 1 workshop	2017-18	Anaesthesiology	16
Written script assessment 4 workshops	2017-18	Medicine and allied, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology	90

**Table-III**

*List of workshops arranged by Medical Education Department (January 2019- April 2022).*

Workshop on	Date	Faculty	Participants
Written script assessment 1 workshop	2019	Medicine, Surgery, Obs & Gynae	23
SBA 4 workshops	2019	Medicine and allied, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology, Anaesthesiology, Radiology, Radiotherapy, Maxiofacial Surgery Orthodontics & Dentofacial orthopedics, Microbiology, Cardiovascular Surgery, Histopathology, Neurosurgery,	131
OSPE 4 workshops	2019	Medicine and allied, Surgery, Obs & Gynae, Paediatrics, Ophthalmology, Otolaryngology, Orthopedics, Anaesthesiology, Radiology, Neonatology, Radiotherapy, Maxiofacial Surgery Orthodontics & Dentofacial orthopedics, Plastic Surgery, Cardiovascular Surgery, Neurosurgery, Microbiology, Family Medicine	141
Communication skill 1 workshop	2019	Medicine, Surgery, Obs & Gynae, Paediatrics, Neonatology, Ophthalmology, Physical Medicine, Radiology, Cardiovascular Surgery, Plastic Surgery	33
SBA 5 workshops	2020	All subjects	140
IOE 7 workshops (6 of these were arranged via zoom app)	2021	All subjects	646
SAQ 6 workshops	2021	All subjects	214
SAQ 2 workshops	2022	Ophthalmology, Otolaryngology	71
Workshop 1 workshop	2022	All subjects	22

Recently we have been shifted to our permanent broader space with more amenities.

### Overseas Academic activities

In 2016, a team of 21 members from Bangladesh headed by Prof. Tahmina Begum, attended SEARAME conference in Myanmar. Four papers were presented there and the team members attended 4 workshops also (Figure 1).



**Fig.-1:** Bangladesh team with Prof. David Gordon (President, World Federation for Medical Education), Prof. John Norcini (President, FAIMER) and Prof. Rita Sood (President, SEARAME) at 4<sup>th</sup> SEARAME conference in Myanmar.

A team of 10 members participated in OTTAWA 2018 in Abu Dhabi. Four papers were presented there. The team members also attended 8 workshops and 1 organized course. The team met with Prof Ronald Harden (CEO, Association for Medical Education in Europe), Prof. David Gordon (President, World Federation for Medical Education), Prof. John Norcini (President, FAIMER), Prof. VanDer Bleuten (renowned Medical Educationist & researcher in medical education) and Prof. Ten Cate (renowned Medical Educationist). It was a privilege to be able to present them Souvenirs from BCPS and invite

them to visit BCPS and Bangladesh.

A team of 12 members participated in OTTAWA 2020 in



**Fig.-2:** Fellows of BCPS participating in a workshop at OTTAWA 2020 conference, in Kuala Lumpur, Malaysia

Kuala Lumpur, Malaysia. This was the first time Bangladesh organized a complete workshop on ‘Effective Feedback on Assessment’ in an international medical education conference abroad, which was headed By Prof. Abul Bashar Md. Jamal, Prof. Tahmina Begum, and Prof. ATM Emdadul Haque. The team members also participated 6 other workshops and 2 organized courses (Figure 2).

In 2019 Medical Education Department, BCPS organized a meeting with Prof. Rita Sood, Head of Medicine and Medical Education Department AIIMS while her visit at BCPS to take FCPS Clinical Examination. Dignitaries of BCPS and EC members exchanged their views with the then President of South-East Asian Regional Association for Medical Education (SEARAME).

### Conclusion

BCPS is continuously working to improve the quality of the curriculum, teaching, training and assessment in the field of post graduation medical education of Bangladesh, keeping alignment to international standards. Medical Education Department, like all other departments of BCPS, aims to deliver quality contribution at all times.