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Corresponding Author

Dr. Sharmistha Bhattacharjee
Professor, Community Medicine
North Bengal Medical College
Po: Sushrutnagar, Darjeeling
734012
Email:
sharmistha.bhattacharjee@gmail.com

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Newer Components of the Competency-Based Medical Education (CBME) Curriculum in India

Competency Based Medical Education (CBME) in India marks a paradigm shift in how future doctors are trained. Instead of simply focusing on memorizing facts, the curriculum, introduced in 2019 and updated in 2024, emphasizes developing practical skills and achieving real-world outcomes. The goal is to create doctors who are not only clinically skilled but also ethical and socially responsible. At the heart of the CBME curriculum are holistic competencies that integrate medical knowledge with clinical skills, professionalism, communication, ethics, and a commitment to lifelong learning. It aligns with international standards, bringing exciting new elements like the Foundation Course, Early Clinical Exposure (ECE), and a focus on integrated teaching.

The Foundation Course is designed to help students transition smoothly into medical education, covering essential topics such as communication, ethics, basic life support, and insights into the Indian healthcare system. It also emphasizes stress management and professionalism, laying a strong groundwork for their studies ahead. ECE is a key innovation that ensures students don't just learn theory but also see how it applies in real clinical settings from their very first year. By observing patient interactions and discussing cases with healthcare professionals, they build empathy and effective communication skills. Simulated learning environments further enhance this by allowing students to practice clinical skills safely. Electives provide students with the freedom to dive into areas of personal interest, including new fields like artificial intelligence and telemedicine, which promotes self-directed learning and broadens their skill sets.

Integrated Teaching aims to break down the barriers between subjects, teaching students how physiology, anatomy, and pathology work together. It encourages connections between foundational knowledge and clinical practice, while case-based learning enhances critical thinking. Another exciting element is the Learner-Doctor Method, which allows students to gradually take on patient care roles under supervision. This hands-on approach builds their confidence and clinical capabilities. Skills labs and simulation-based learning are crucial parts of this training, preparing students for the realities they will face in practice. Assessing student progress in CBME focuses on their skills rather than just their knowledge. Methods like Objective Structured Clinical Examinations (OSCEs) and Direct Observation of Procedural Skills (DOPS) help track students' development in applying their learning effectively.

However, implementing CBME hasn't been without its challenges. Issues like faculty shortages, limited resources, and some resistance to the new model have made the transition difficult. Preparing faculty to teach effectively and in smaller groups is essential, and the National Medical Commission (NMC) has made strides in this area, training around 25,000 educators by 2018. Despite this, many institutions, especially in rural areas, struggle with resource constraints that affect their ability to use simulation labs and create conducive environments for small group learning. Cultural attitudes toward CBME also need to change among both educators and students for it to thrive.

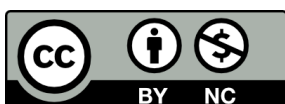


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India's CBME curriculum represents a transformative journey in medical education aimed at cultivating empathetic, ethical, and globally competent healthcare professionals. By intertwining practical skills with theoretical knowledge and promoting continuous learning, CBME is responding to the evolving landscape of healthcare. The updates in 2024 strengthen this vision by deepening components like the AETCOM module, increasing elective options, and integrating modern technologies such as artificial intelligence. While there are still hurdles to overcome, strong collaboration between institutions, faculty, and policymakers can lead to the successful implementation of CBME, preparing future doctors to meet the complexities of modern medicine with compassion and competence.

Prof. Sharmistha Bhattacharjee
Community Medicine, North Bengal Medical College
Sushrutanagar, Darjeeling 734012
E mail: sharmistha.bhattacharjee@gmail.com



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