

**Inter-professional Collaborative Practice among the Interdisciplinary Team
Members in a Selected Spinal Cord Injury Rehabilitation Centre: Perspective
of Professionals and Patients**

BY

Shamima Akter

Part – II, M.Sc. in Rehabilitation Science

BHPI, CRP, Savar, Dhaka-1343

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Faculty of Medicine

University of Dhaka



Abstract

The lack of inter-professional collaborative practice between inter-disciplinary team members reduced patient safety and outcome— unfortunately occur worldwide, have been extensively reported in literature. In Bangladesh, a specialized rehabilitation centre is known to be the promoter of coordinated care for patient with spinal cord injury through practice inter-disciplinary team approach. Yet little is known about how effectively and efficiently team members collaborate with each-other. The purpose of the study was to explore the current situation of inter-professional collaborative practice among the team members in a spinal cord injury rehabilitation centre from the perspectives of professionals and patients with spinal cord injury. Mixed methodology, both qualitative and quantitative study were applied to achieve the overall and specific objectives of the current study. Each and every team members of Inter-professional collaborative team were invited to participate in this part of the study. In qualitative part, phenomenological study design was to understand the perceived strengths, weakness, opportunity and threats from the professional's perspective. For interview, simple random sampling was done to select participants from every discipline of team. Furthermore, the admitted patients with spinal cord injury at in-patient unit of the Centre for the Rehabilitation of Paralyzed from March 2017 to May 2017 also chosen as participants of the research through purposive sampling to assess their level of motivation, satisfaction and attitudes towards the collaborative practice of inter-professional team. The overall collaboration level of inter-professional collaborative team was slightly higher (75.23%) than moderate level of collaboration (51-75%). Among the eight domains of collaborative practice, most of the participants specified five domains where they showed high level of collaboration includes 'mission, meaningful purpose and goals'; 'general relationship'; 'general roles and responsibilities'; 'communication' and 'patient involvement' domain whereas in the rest of the three domains moderate level of collaboration was reported by the significant percentage of participants. The overall motivation and satisfaction level of patient with SCI towards interdisciplinary teamwork were high 83.35% and 84.2%. Similarly, patient attitude toward team was in just above the moderate level. The study findings could be implicated in improving the collaboration level at rehabilitation sector where there is inter-professional team members working with patient with spinal cord injury to improve the patient motivation and satisfaction.

Keywords: *Collaborative practice, Interdisciplinary team, Spinal cord injury, Rehabilitation*