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A Delphi consensus study to identify current most valuable knowledge, skills and attitudes for teaching Basic Trauma Management to third year medical students at the University of Bern

Brief description
The Basic Trauma Management (BTM) course has been taught exclusively to third-year medical students in a small-group face-to-face 4h-format. The need for alignment of the curriculum with the PROFILES report[1] support a curriculum revision. We addressed the educational needs of all stakeholders (BTM teachers, emergency physicians and curriculum designers) using a Delphi technique questionnaire study. The results will be aligned to the Swiss learning objectives for undergraduate medical students of human medicine.

Methodology
With ethics committee review and stakeholders' written informed consent, we completed so far the first round of the Delphi consensus method[2]. Stakeholders will answer questionnaires in rounds using SurveyMonkey® (SurveyMonkey Inc, San Mateo, California, USA), after which a summary of the forecasts is provided [3]. The first round included open-ended questions on relevant knowledge, skills and attitudes that should be incorporated into the course, the second round will use a Likert scale to rate questions of the first round. In the third round we will set the median rating for each statement.

Key findings
The first round identified key elements that need to be incorporated in the BTM curriculum: triage assessment, "ABCDE" structured approach and non-technical skills (NTS); the last being consistent with the PROFILES report. The technical skills taught in the current curriculum (immobilization, primary and secondary survey) align with our stakeholders views.

Michaud P., Jucker-Kupper P. (2017). "PROFILES; Principal Objectives and Framework for Integrated Learning and Education in Switzerland". In: Bern, Switzerland: Joint Commission of the Swiss Medical Schools, 2017.
de Villiers M.R., de Villiers P.J., Kent A.P. (2005). "The Delphi technique in health sciences education research", *Medical Teacher* 2005, 27(7): 639–643.
Rowe, Wright (1999). "The Delphi technique as a forecasting tool: issues and analysis", *International Journal of Forecasting* 1999, 15(4).