Using Simulation Training to Introduce Medical Students to COVID-19

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Introduction As the COVID-19 pandemic began to surge in the UK, medical students were removed from clinical placements. Consequently, many medical students have had little direct experience of managing patients with COVID-19. This study reports, primarily, on a simulation training activity designed to introduce 3rd year medical students to the communication challenges of treating patients with COVID-19. It also reflects upon the benefits to students, of undertaking the role of a simulated patient during training activities.

Methods 21 third year medical students undertook teaching on breaking bad news. A modified SBAR model was taught as a consultation framework. Simulated scenarios, included two patients with COVID-19 and telephone consultations with the patients’ families. Students wore surgical masks and undertook the role of doctor and patient or relative. Four students subsequently volunteered to act as simulated patients in training for new foundation doctors. Anonymised questionnaires, utilising ten-point visual analogue scales and qualitative questions, were used to evaluate the training.

Results 95% of students rated their course as excellent overall. High mean visual analogue scores and free-text responses revealed that the training had demonstrated the impact of COVID-19, PPE and restricted visiting on communication and clinical practice. It also informed students about the experiences of clinicians during the pandemic and provided a framework for their first attempts at breaking bad news. Acting as simulated patients was valuable for students’ own training and encouraged them to consider the patients’ perspectives.

Conclusions The COVID pandemic has had a significant impact upon medical education, causing concern about loss of clinical experience. Consequently, a range of innovative teaching models have been reported on worldwide. This study suggests that simulation training can be used effectively to teach medical students about the challenges of clinical management, the complexities of communication and the impact on patients and doctors of COVID-19.

Evaluating the Impact of Medical Students in Hospice Teaching Ward Rounds

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Introduction Healthcare professionals can be reluctant to invite medical students on ward rounds, especially in the context of emotive discussions. We present the results of a study analysing the impact of teaching ward rounds on patient experience in hospices.

Methods Eight hospices were invited to participate in this service evaluation. Six hospices across Yorkshire returned data. Inpatients were asked to complete an anonymous questionnaire after a teaching ward round, defined as consisting of a minimum of 3 members of staff, led by a senior doctor (consultant or specialty grade) and including at least one medical student.

Results Seventy-four questionnaires were returned. The vast majority (96%) of patients were happy for students to be present on the ward round. None of the patients who were in a shared bay at the hospice felt that this prevented them from asking questions. The presence of a relative was felt to be a positive factor during the ward round experience. Only 11% of patients felt that the presence of students negatively affected the discussion of sensitive issues.

Conclusions Our study shows that most patients had a positive response to the presence of medical students on ward rounds. Overall teaching ward rounds did not appear to negatively impact upon the discussion of sensitive topics. This study contains a small sample size and the results cannot be generalised across a palliative care population. Nonetheless it provides data in support of medical students participating in teaching ward rounds in hospices where sensitive discussions frequently take place.