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## Sarcoma awareness for Junior Doctors – A pilot study

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**Introduction and Aims:** The Under-Graduate medical curriculum in the United Kingdom does not have a designated module on sarcomas. Hence awareness of sarcomas amongst Junior Doctors is low unless they study in a designated Sarcoma Centre. The aim of the pilot study was to assess the core knowledge about sarcoma amongst Junior Doctors and to assess the increase in knowledge after an online voluntary study module and subsequent questionnaire.

**Methods:** 105 Junior Doctors were invited to take part. They answered 50 online questions about sarcomas administered through Survey Monkey. They were then provided with four key resources regarding sarcomas to study and they were asked to complete the 50 online questions again. The questions were marked to assess the core knowledge and improvement or otherwise following the provision of sarcoma study resources.

**Results:** The results of the baseline knowledge test showed that the mean score was 60% [range 28% to 80%]. The results after provision of key sarcoma related resources was 76% [range 58% to 94%]. 85% showed a measureable increase in scores. The average improvement was 16.6% [range 2% to 34%]. The p-value was <0.001, indicating a significant change in score (mean change in score was 6.5 points, 95% CI 3.9pts to 9.2pts).

**Conclusions:** The pilot study results show that sarcoma awareness could be introduced as a voluntary study module for Junior Doctors with measureable improvement in the knowledge. Increased awareness could help in early detection, appropriate referral, reduction in unplanned excisions and better care for sarcoma patients

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