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ABSTRACTS – POSTERS

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Reconstructing Complex Soft Tissue Defects post sarcoma excision around the knee. A clinical series

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The Royal Orthopaedic Hospital Oncology Service is a tertiary referral centre for both bony and soft tissue sarcoma of international re-known based in Birmingham and serving a local population alone of around 8 million.

The lead plastic surgeon attached to the Sarcoma team has gained a wealth of experience in managing complex soft tissue defects around all anatomical regions of the body. We present a case series of complex soft tissue wounds in or around the knee joint, following sarcoma resection. Often these complex wounds involved exposed prosthesis such as EPR's. The wounds are complicated by prior surgery or radiation damage.

A personal clinical series is presented of 21 complex cases that necessitated a variety of reconstructive techniques depending on the site, size, nature, tissue condition and patient co-morbidity.

A useful framework is presented as to how best to deal with such complex wounds.