A novel technique to ensure accurate placement of synthetic bone graft

A Mayne, G Chami
NHS Tayside, UK

CORRESPONDENCE TO

Alistair Mayne, E: alistairmayne@nhs.net
doi 10.1308/rcsann.2016.0363

Synthetic bone graft is commonly used to fill bone defects in the reconstruction of complex fractures.¹ Transferring artificial bone graft granules from their storage container to the void in the bone can prove

fiddly and time consuming. We have found the use of a 2ml syringe, with the end cut off, to be an efficient method in which to place the granules precisely in the required void (Fig 1). In addition to allowing compression of the graft, it helps avoid unnecessary spillage of graft into the adjacent soft tissues, which can contribute to heterotopic ossification.²

References

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Figure 1 Modification of 2ml syringe to enable accurate placement of synthetic bone graft