

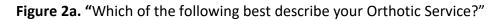
Central Lancashire Online Knowledge (CLoK)

Title	The use of computer-aided design and manufacture for foot orthoses: a cross-sectional study of orthotic services in the UK
Туре	Article
URL	https://clok.uclan.ac.uk/53622/
DOI	https://doi.org/10.1002/jfa2.70031
Date	2025
Citation	Barr, Laura, Richards, James and Chapman, Graham (2025) The use of computer-aided design and manufacture for foot orthoses: a cross-sectional study of orthotic services in the UK. Journal of Foot and Ankle Research, 18 (1). e70031.
Creators	Barr, Laura, Richards, James and Chapman, Graham

It is advisable to refer to the publisher's version if you intend to cite from the work. https://doi.org/10.1002/jfa2.70031

For information about Research at UCLan please go to http://www.uclan.ac.uk/research/

All outputs in CLoK are protected by Intellectual Property Rights law, including Copyright law. Copyright, IPR and Moral Rights for the works on this site are retained by the individual authors and/or other copyright owners. Terms and conditions for use of this material are defined in the <u>http://clok.uclan.ac.uk/policies/</u> Figure 2a-i. Proportionate answers to individual questions from Trusts and Health Boards



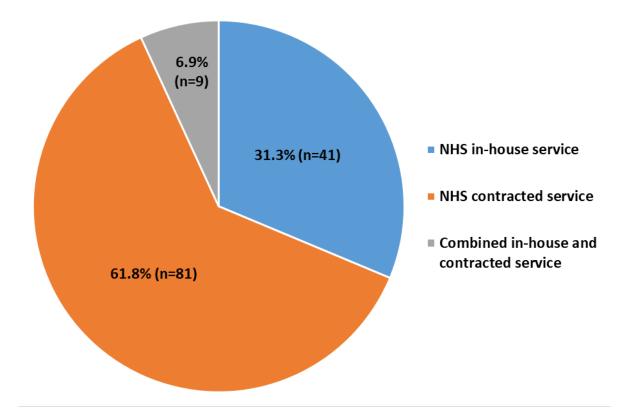


Figure 2b. "Does your Orthotic Service provide bespoke insoles to patients?"

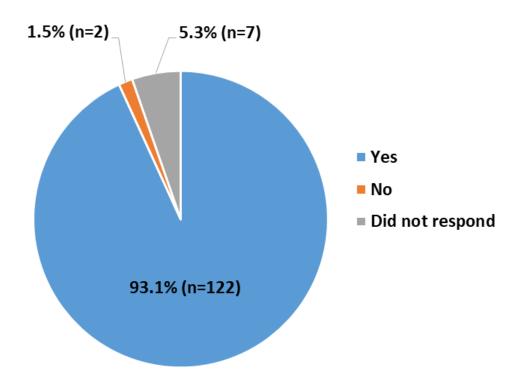


Figure 2c. "Does your Orthotic service ever use foam box impression casts to capture the shape of the patient's foot, when prescribing CAD/CAM insoles?"

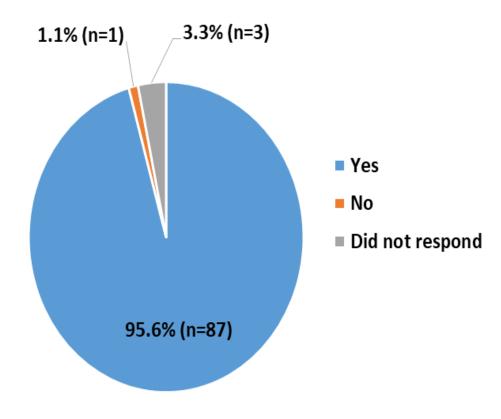
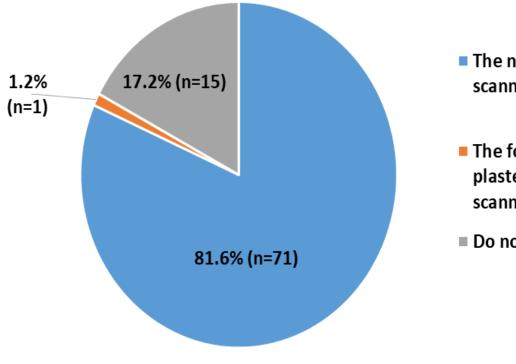
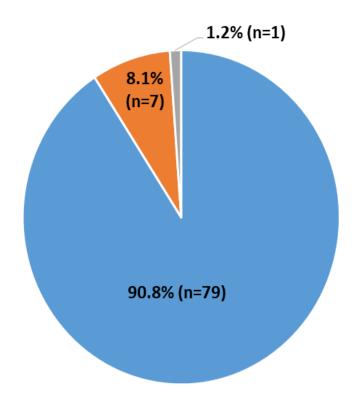


Figure 2d. "Is the negative foam box impression cast usually scanned into the CAD/CAM system, or is it filled with plaster first and then the positive model scanned?"



- The negative boam box is usually scanned
- The foam box is usually filled with plaster and the positive cast is then scanned
- Do not know

Figure 2e. "Are the foam box impression casts usually transported to another site to be scanned into the CAD/CAM system?"



- Yes they are usually sent to another hospital or external manufacturer to be filled with plaster and/or scanned
- No they are usually scanned on the same site that the patient attended for their appointment
- Invalid response selected more than one option

Figure 2f. "Does your Orthotic service ever use slipper casts / plaster casts to capture the shape of the patient's foot, when prescribing CAD/CAM insoles?"

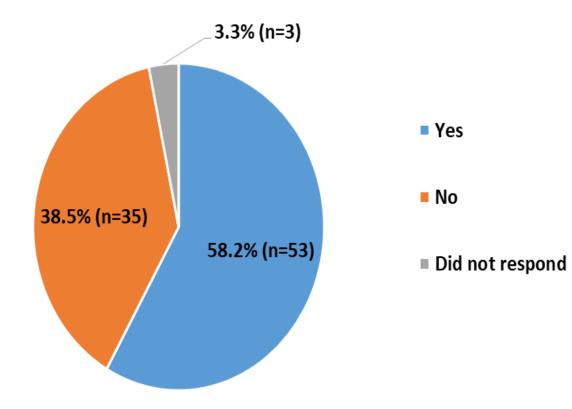
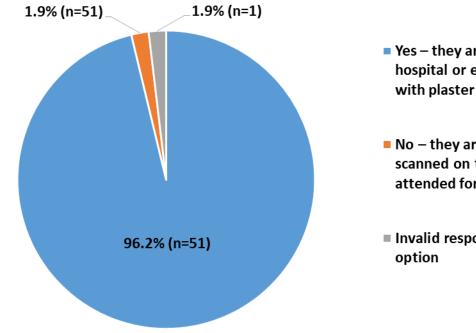
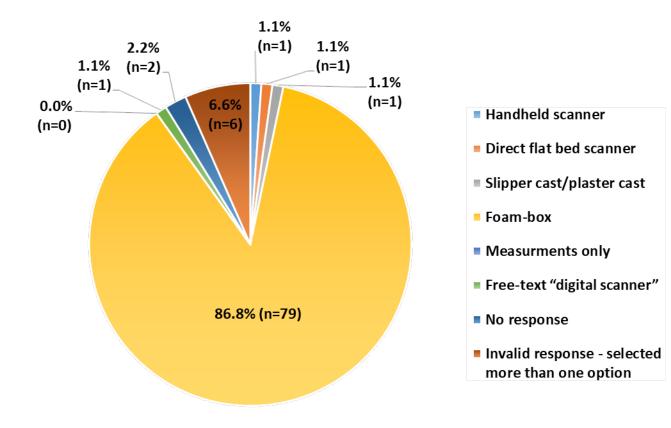


Figure 2g. "Are the slipper casts / plaster casts usually transported to another site to be filled with plaster and scanned into the CAD/CAM system?"



- Yes they are usually sent to another hospital or external manufacturer to be filled with plaster and / or scanned
- No they are usually filled with plaster and scanned on the same site that the patient attended for their appointment
- Invalid response selected more than one option

Figure 2h. "In your Orthotic service, which is the most common method used to capture the shape of the patient's foot, when prescribing CAD/CAM insoles"



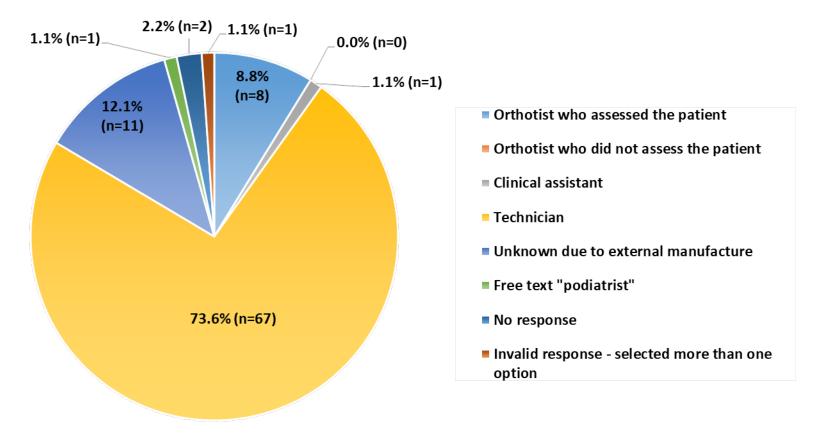


Figure 2i. "Who is usually responsible for performing the modelling/rectification of the CAD/CAM insoles that your Orthotic service provide?"