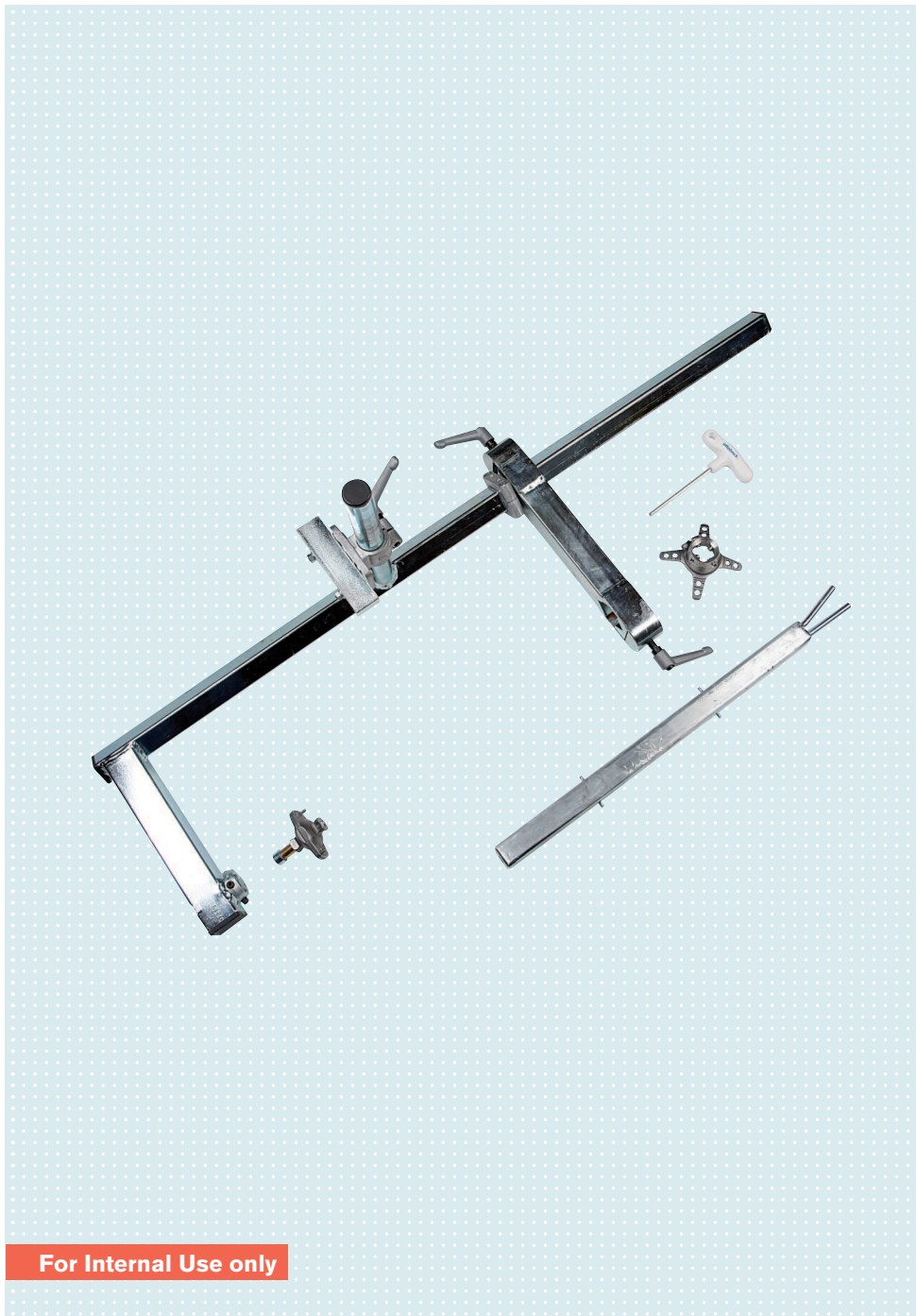


Transferring an adapter position

Using the transfer apparatus

Technical information



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1	Introduction	3
2	Preparation	3
2.1	Collecting the materials and tools	3
3	Procedure.....	3
3.1	Clamping the test prosthesis	3
3.2	Fabricating the definitive socket.....	4

1 Introduction

This technical information supports you in the use of a transfer apparatus for transferring the adapter position from the check socket to the definitive socket. Using a transfer apparatus, all alignment optimisations carried out on the test prosthesis can be transferred to the definitive prosthesis.

This document is directed to trained prosthetists. It is a prerequisite that the qualified personnel are trained in the handling of the various materials, machines and tools.

This technical information does not claim to be exhaustive. Reading this technical information does not substitute reading the instructions for use for all required products.

2 Preparation

The following preparations must be made in order to work effectively:

- Collecting the materials and tools
 - Components and auxiliary devices
 - Materials
 - Machines, equipment and accessories
 - Tools
- Preparatory work

2.1 Collecting the materials and tools

The materials and tools used in the photos within this technical information are listed in the tables below. The prosthetist assumes full responsibility for the use of any other materials.

Materials	
Designation	Reference number
Alabaster modelling plaster	699G4=25
Cellona plaster bandages	699G3=*
Orthocryl sealing resin	617H21=4.600
Hardening powder	617P37=0.150
Talcum powder	639A1=1
Plaster insulating cream	640Z5=1
Isopropyl alcohol	646F297=D

Tools	
Designation	Reference number
Wooden spatula	699Y3
Allen wrenches 4 mm, 5 mm	-

3 Procedure

3.1 Clamping the test prosthesis



The transfer apparatus is used to transfer the adapter position from the test prosthesis to the definitive prosthesis. For this purpose, the test prosthesis is disassembled at a defined point prior to clamping in the transfer apparatus:

INFORMATION: In order to correctly transfer the position, only loosen the two most deeply recessed set screws.

TT prostheses: Disassemble the prosthesis at the connection of the prosthetic foot.

TF prostheses: Disassemble the prosthesis at the proximal connection of the prosthetic knee joint.



Attach the prosthetic socket with the installed adapters to the adapter ring of the transfer apparatus.
Push the two-way vacuum pipe into the provided fixture up to the stop.



Align the prosthetic socket with the set screws of the adapter ring so that the vacuum pipe is centred.
Cover the set screws of the adapter ring to prevent them from adjusting accidentally.

3.2 Fabricating the definitive socket



Rotate the transfer apparatus by **180°**.
Lengthen the lowest point of the socket brim with plaster bandages.
Let the plaster cure.
Rotate the transfer apparatus back to the earlier position.



Adjust the vacuum pipe with the height setting so that the vacuum holes are unobstructed.
Position the vertical stop and tighten the screws.
The system is now secured.



INFORMATION: Make sure that the holes in the vacuum pipe do not get plugged up with plaster.

Insulate the prosthetic socket and extension with plaster insulating cream, and fill with plaster. Let the plaster cure.

Loosen the set screws directly below the lamination anchor/socket attachment and remove the filled prosthetic socket from the transfer apparatus.

Remove the prosthetic socket from the plaster model.

Prepare the plaster model for the further process steps (e.g. smoothing).

Let the plaster model dry.

TIP: The plaster model can be dried in a fan oven at **max. 60 °C**.

Begin fabricating the definitive prosthetic socket.

Clamp the prosthetic socket back in the transfer apparatus if the adapter position of the test prosthesis needs to be transferred to the definitive prosthetic socket.

Move the adapters to a neutral position to simplify potential readjustments. This may change the position of the lamination anchor/socket attachment on the prosthetic socket.

Connect the lamination anchor/socket attachment with the prosthetic socket.

As soon as there is a connection between the lamination anchor/socket attachment and the prosthetic socket, the adapter position is successfully transferred from the test prosthesis.

Continue fabricating the definitive prosthetic socket.





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