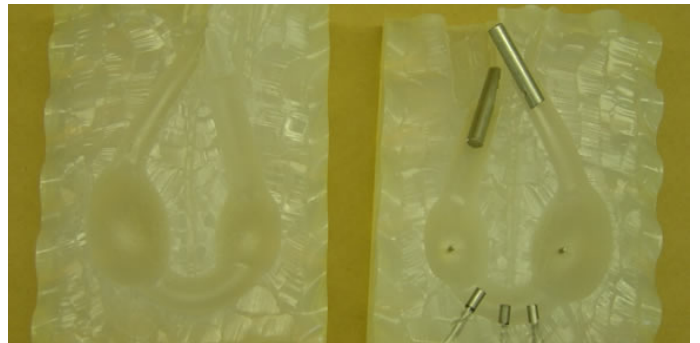


THORASIC ARTERY WITH AN EMBOLISM

PROJECT: Thorasic Artery with an embolism
CLIENT: Classified
DATE: 10 May 2005
DURATION:



PROJECT DETAILS

First we produced an SLA master of the core and gave it a gloss finish, before producing a silicon mould. Next we made wax cores, which we measured to maintain the material thickness and monitor and avoid shrinkage.

We then CNC machined the external tool from PU model board and gave it a gloss finish. After that we machined the core support pins from aluminium to ensure accuracy when positioning the core in the tool.

The wax core was fitted into the hard tool and silicon was poured into it. When this had set, we removed the silicon part with the wax still inside.

Finally we gently warmed the core to melt the wax. The gloss surface finish was unaffected, so the model maintained the necessary clarity and detailing.

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