Project Name: 3D printing of prosthetics using a novel silicone printer

Supervisor: Kawal Rhode

Summary: Silicone is an excellent material for the construction of anatomically realistic model of human anatomy that can be used to test novel medical imaging and device technologies. The manufacture of silicone models is labour intensive and costly. We are investigating direct 3D printing of silicone models. The aim of this project is to compare directly printed models with those manufactured in the traditional way using moulds.