

<b>Title:</b>	<b>Assessment of prostheses for transtibial amputees – Phase 2: Quantification of relations amongst socket type, tissue sensation, socket pressure, function, comfort and quality of life.</b>
<b>Issue/Rationale:</b>	The quality of fit and comfort of the socket for a transtibial amputee prosthesis plays a critical role in the quality of work life and daily activities for the amputee.
<b>Objectives:</b>	<ul style="list-style-type: none"> <li>• To compare the quality of life and quality of fit obtained with computer-aided design and manufacture (CAD/CAM) versus traditional transtibial sockets.</li> <li>• To develop a means of transferring that knowledge to prosthetists.</li> <li>• To optimize transtibial socket design.</li> <li>• To develop cost effective solutions for socket fabrication.</li> </ul>
<b>Anticipated Results/Impact:</b>	The study will identify effective and efficient rehabilitation strategies and treatments for clients, to enable a fast return to work with a high degree of function and quality of life.
<b>Keywords:</b>	Computer aided design and manufacture (CAD/CAM) Prosthesis, Transtibial amputee
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