New Technology in Orthotics

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Abstract

Orthotics have been in great use since ancient times. Orthotics were made to protect, correct or support a particular area of the body or limb. Research and development were accelerated after World War II. Orthotics at that time used more of aluminum or steel and leather but today, different types of plastics are used. Other types of orthoses have both steel and plastics. Prefabricated orthoses are now available making it affordable and easier to procure. Newer designs has recently been researched and found to be effective in preventing further orthopedic complications. Orthotic components are now also available to further improve efficiency. Lately, CAD CAMs has been in use for manufacturing and research. CAD CAMs has contributed to improvements in design concepts. Research in the field of orthotics has lately been about efficiency, and improvement of the quality of life.