

A SYSTEM AND METHOD FOR ORTHOPAEDIC PROSTHESIS DESIGN

Abstract

A system and computer-implemented method for automated orthopaedic prosthesis design, comprising: receiving at least one medical image of a bone of a patient, generating a three-dimensional (3D) model of the bone from the at least one medical image, identifying a region of the bone with a bone defect, generating a defect reconstruction model, generating a 3D prosthesis model that corresponds to the defect reconstruction model, wherein the 3D prosthesis model is patient specific.

Fig. 1