Plan of Action

In order to find the coordinates of white pixels in the curve obtained by Canny's Algorithm we need to determine the smooth curves rather than distorted and discontinuous. Thus, we implemented Image- de-noising Algorithm and we are looking for curve fitting algorithms so that as planned we will initialize two points in femoral and tibial parts and will search the white pixels in brute force way by dividing the whole image in four quadrants.

MRI Binary Image → Canny's Algorithm → Curve Fitting

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Pixels of White Coordinates

Pixels of White Coordinates → 3 D Construction → Post Construction Analysis