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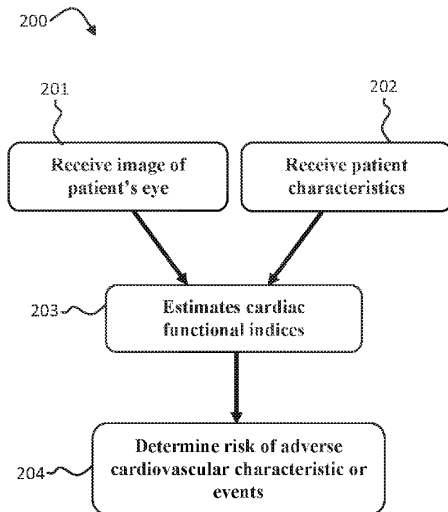


FIGURE 2

(57) Abstract: A computer-implemented method for determining cardiac functional indices for a patient comprising: receiving an image of a fundus of the patient; encoding the received image into a joint latent space; decoding from the joint latent space a representation of the patient's heart; providing the representation decoded from the joint latent space to a neural network configured to generate cardiac functional indices; and outputting the cardiac functional indices generated by the neural network in response to receiving the decoded representation of the patient's heart.



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