Prostate Cancer Detection using Deep Learning

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Abstract: *According to WHO (World Health Organization), the estimated cancer cases in the year 2020 is 1.4 Million. Prostate cancer is one of the reason for death in men. Prostate cancer is cancer occurred in prostate gland. Prostate cancer begins when cells in the prostate gland start to grow out of control. It is detected using Ultrasound Image or Magnetic Resonance Image (MRI). Now a day after consulting with doctor there are other secondary tools which can help to detect prostate cancer. The system used for detecting prostate cancer are developed using different technology like Artificial Intelligence, Machine Learning and Deep Learning. In this paper we have trying to develop a system which can detect prostate cancer using input like ultrasound image and Magnetic Resonance Image.*

Keywords: Prostate Cancer, Prostate Cancer Detection, Deep Learning, CNN

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