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Fujifilm unveils new CAD EYE function for colon polyp detection

27 September 2021 | News

Does not require complicated techniques or operations such as magnification and image capturing



Fujifilm India has launched a new software version of CAD EYE, a function that supports real-time detection of colonic polyps during colonoscopy utilising AI technology.

The updated function will be essential for colon polyp detection and characterisation, which will be achieved by utilising a type of Artificial Intelligence (AI) called deep learning. The launch was announced at the India Live Endoscopy Forum 2021.

The new detection and characterisation functionality of CAD EYE together with the polyp detection function will be available with software EW10-EC02 and the compatible expansion unit EX-1 in combination with Fujifilm's ELUXEO systems and colonoscopes.

CAD EYE was originally developed to support real-time detection of colonic polyps utilising AI technology. When a suspicious polyp is detected within the endoscopic image, a Detection Box indicates the area where the suspicious polyp has been detected, accompanied by a sound signal.

The new CAD EYE Detection and Characterisation will assist clinicians by generating a suggested histological prediction by displaying whether the suspicious polyp(s) in the image are hyperplastic or neoplastic.