

Abstract**ENDOSCOPE WITH PANNABLE CAMERA**

An endoscope has a pannable camera at the distal end of its insertion shaft, the pannable camera assembly being pivotable to provide a range of a field of view that can be equal to or greater than 180 degrees. A terminal light emitting element may be mounted to the camera assembly in order to illuminate the immediate field of view of the camera sensor regardless of the rotational position of the camera assembly. A fluid-carrying conduit of the insertion section may also be used to house functional components, including the camera assembly, actuation cables, a communications cable connected to the camera sensor, and/or a fiberoptic cable providing light to the light emitting element. A distal section of the endoscope handle may be rotatable relative to a proximal hand-held section of the endoscope handle, a rotary encoder being provided to convert the rotational position of the insertion shaft.

Figure: 19