

ENDOFLIP: FUNCTIONAL LUMINAL IMAGING PROBE



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EndoFLIP is a minimally invasive technology used to enhance gastrointestinal procedures such as endoscopy and oesophageal manometry.

The system simultaneously measures the cross-sectional area of a gastrointestinal organ, such as the oesophagus, together with the pressure inside the organ. It uses a specialised measurement balloon that is positioned within the oesophagus during endoscopy.

During the procedure, a soft measurement balloon is passed across the gastro-oesophageal (GE) junction while you are under sedation for your endoscopy.

The balloon is then inflated to a pressure similar to that created by food passing through the oesophagus. Measurements are displayed in real time using a graphical interface, allowing your doctor to assess the function and distensibility of the oesophagus and the GE junction.

The system can also be used to guide precise dilatation (stretching) of oesophageal strictures (narrowing) and to assess patients with achalasia, a disorder affecting oesophageal motility.

EndoFLIP is particularly useful for evaluating patients with a hiatal hernia before and after surgical repair.

It may also help identify the cause of swallowing difficulties or regurgitation in patients whose endoscopy findings are normal and whose symptoms have not improved with medical treatment.

In addition, EndoFLIP can assist in the diagnosis of achalasia and oesophageal strictures.

ssmc

مدينة الشيخ شخبوط الطبية
Sheikh Shakhbout Medical City

800 SSMC | ssmc.ae
7762

