

BACKGROUND

Primary obesity surgery endoluminal (POSE 2.0) is a novel procedure that achieves gastric remodeling through the creation of a shorter and narrower stomach which leads to reduced gastric accommodation and delayed gastric emptying.

OBJECTIVES

In this video, we describe the technical details of POSE 2.0 procedure and a follow up of the patient post the procedure.

APPARATUS

POSE 2.0 utilizes the USGI incisionless operating platform (IOP) which has 4 components:

- Transport, which houses the whole apparatus.
- G-Prox which houses the g-Cath.
- Two deployable nitinol snowshoe anchors delivered through a hollow needle.
- G-Lix used to pull tissue into the jaws of the g-Prox.

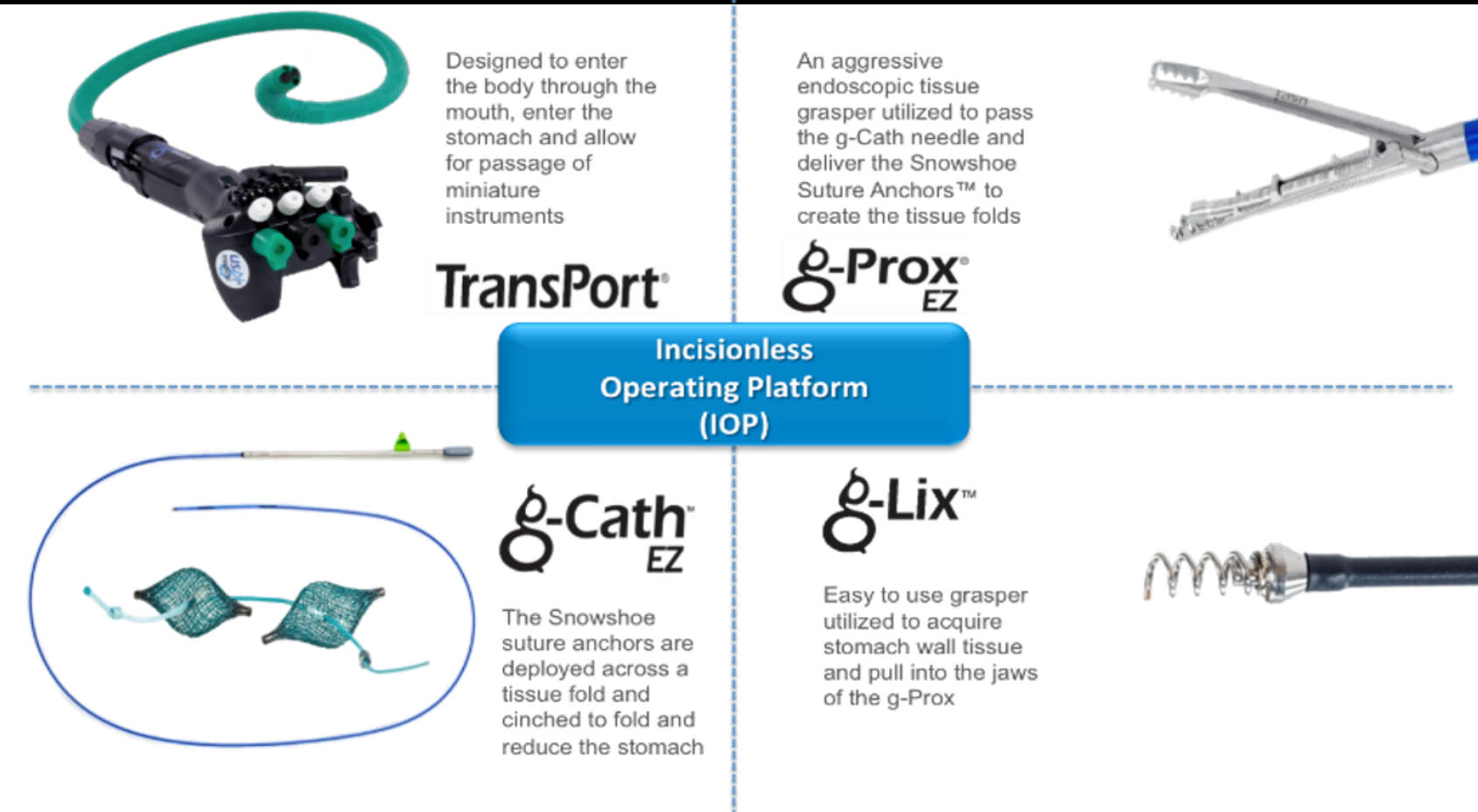


Figure 1: USGI incisionless operating platform (IOP)

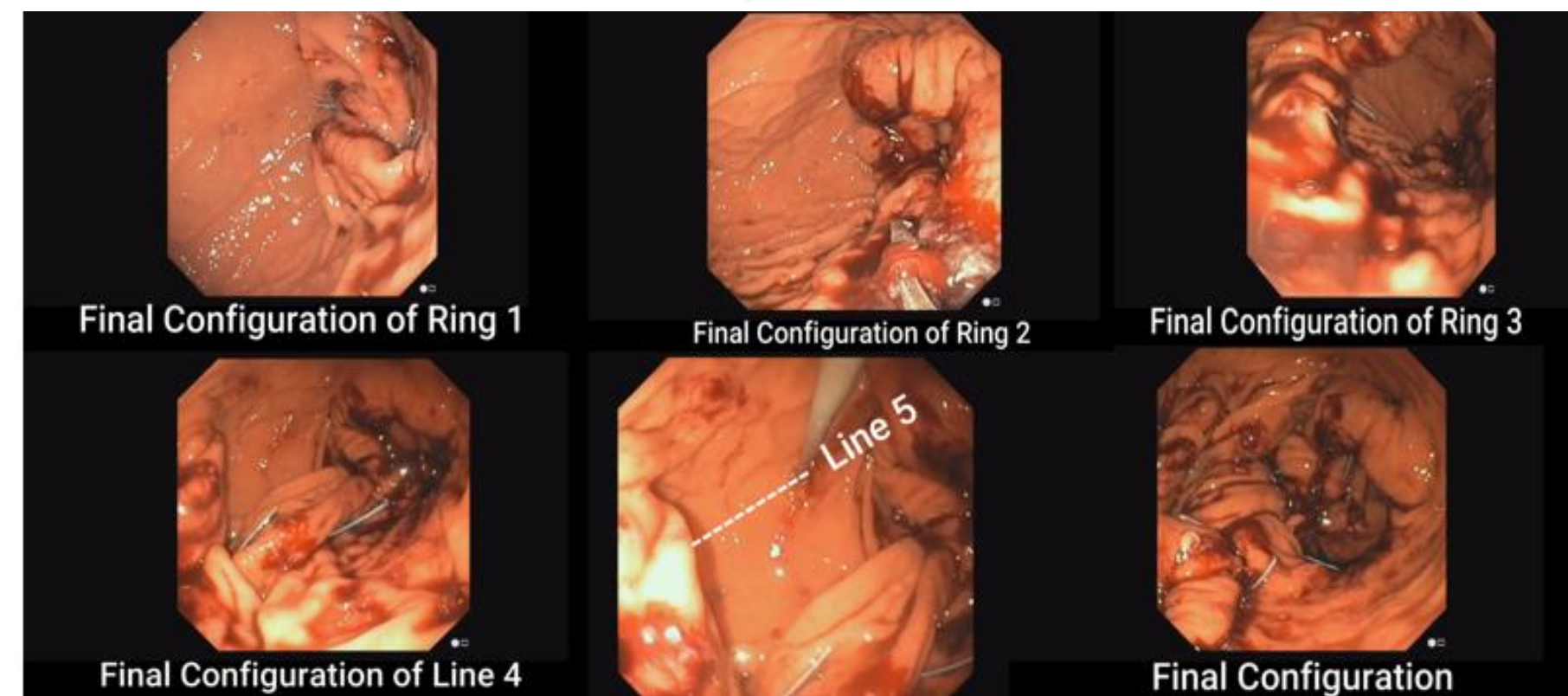


Figure 2: Technical Details of POSE 2.0 procedure

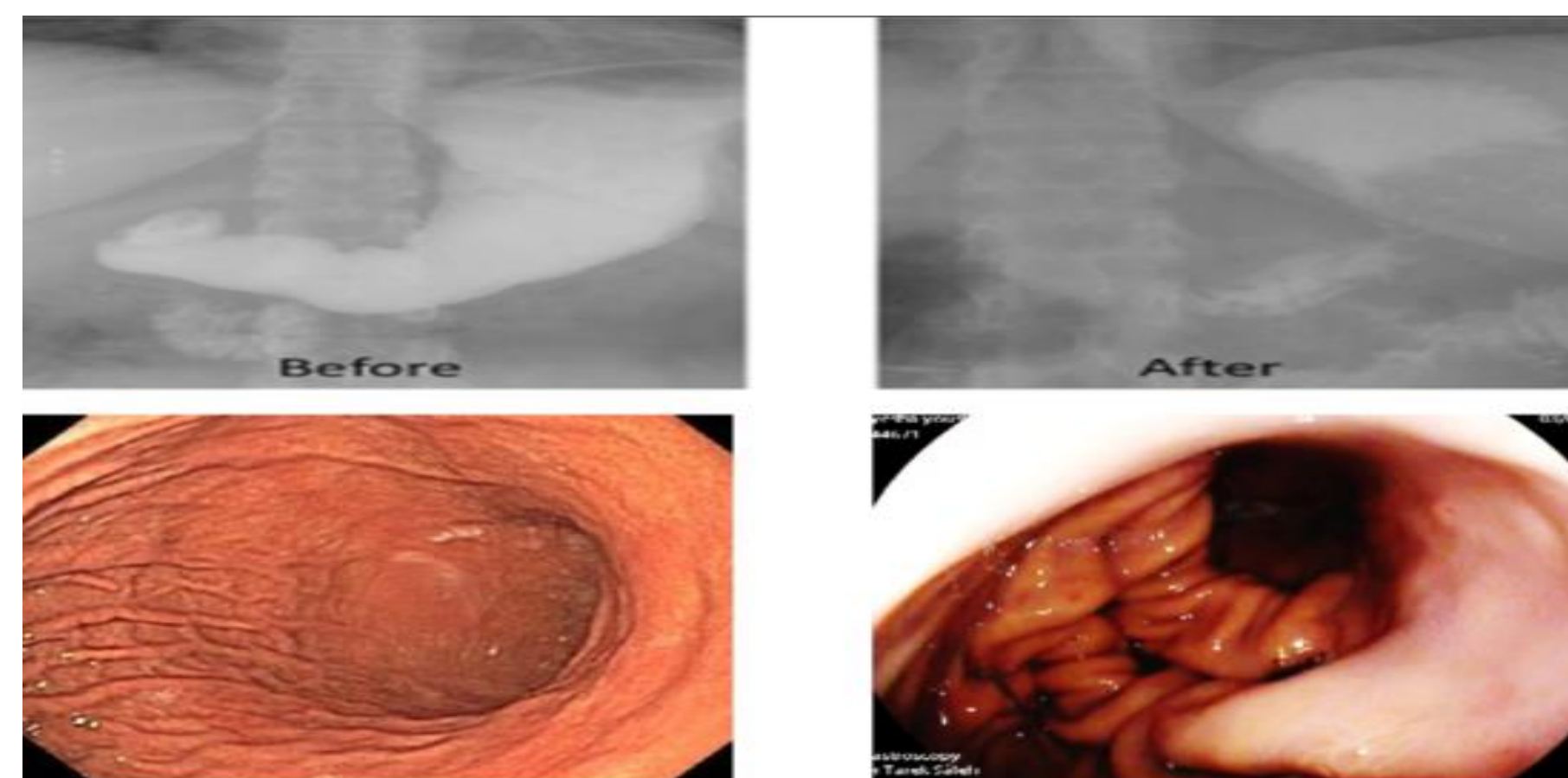


Figure 3: X-ray and endoscopy images before and after

TECHNICAL DETAILS

- Total of 20 plications are made in a specific pattern to create 6 tissue folds.
- For each ring, orientation of central plication is antero-posterior while the orientation of other plications is superior inferior
- Ring 1: between the antrum and body.
- Ring 2: approximately 2-4 cm proximal to ring 1.
- Ring 3: at the junction between the fundus and the body.
- Three constricting lines of mid body tissue all oriented in the antero-posterior fashion are created between rings 2 and 3.
- Line 4: greater curvature of the stomach.
- Line 5: anterior part of the stomach.
- Line 6: posterior part of the stomach.

FOLLOW UP

Patient is doing well, 20% Total body weight loss without any adverse events at 6 months.

CONTACT INFORMATION