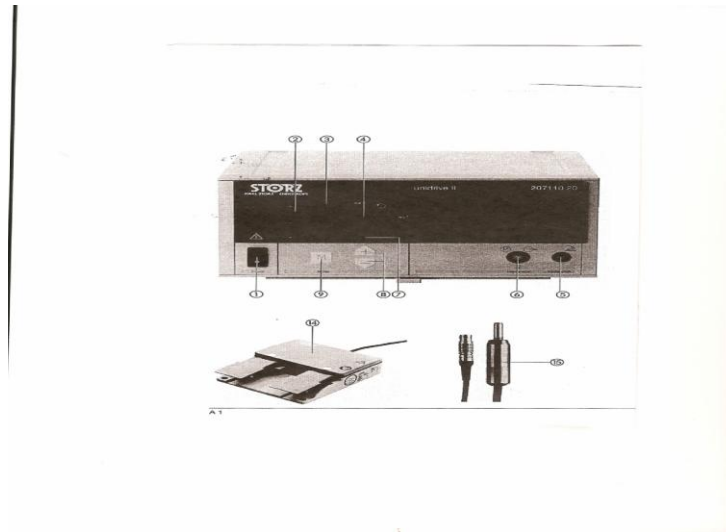


GYNE MORCELLATOR  
for  
LAPAROSCOPIC  
SURGERY

Marion Nixon RN, CPN©  
April 24, 2009



## **Sawalhe Morcellator**

- A motorized device intended for use during endoscopic procedures
- Consists of motor driven cutting tube inserted directly into abdomen without additional trocar cannula
- Cutting up and removal, even sizable pieces tissue from the abdomen through exiting incisions
- Used to remove
  - uterus - Laparoscopic subtotal hysterectomy
  - fibroid – Laparoscopic myomectomy

## **Contraindicated**

- on malignant tissue or tissue surgeon considers harmful when disseminated in body cavity
- vascularized tissue, dissecting tool
- in manual says can use extraction bag for malignant tissue

### ▪ **Speed of rotation**

- -3 preselectable steps triggered via footswitch
- -clockwise right pedal position 1
- -counterclockwise left pedal position 1
- -oscillating either pedal position 2 (pushed to bottom)

## **Sawalhe morcellator**

- Comes in 3 diameters of cutter  
12mm, 15mm, 20mm
- Pan 1 contains
  - 15mm cutter used most often
  - contains motor with connecting cord, morcellator handle, 15mm cutting instruments
- Pan 2 contains
  - 20mm cuttings instruments
- Pan 3 contains
  - 12mm cutting instruments
- -when using 20mm (pan 2) or 12mm (pan 3) need 15 mm pan for motor & handle plus pan with correct size of cutting instruments

## Assemble

- On computer in rooms under gyne news is video on assembling morcellator
- Picture on lid of 15 mm pan 1, shows steps on putting morcellator together
- Hands on to put morcellator together and to use morcellator

Hint –grove on motor shaft aligned with locking button on morcellator handle, then motor inserted and locked in place



## **Use morcellator**

- Claw forcep used to grip tissue to be extracted, is inserted into abdomen through cutting tube
- Claw forcep pulled back, pressing tissue against cutting edge of rotating morcellator
- A cylindrical block of tissue cut out and removed through cutting tube

## **Precautions**

- Cutter is very sharp
- Risk of injury from sharp cutting tube even in unactivated state
- Insertion, treatment, removal cutting tube under direct visual observation of action of unit
- Support morcellator so doesn't go deeper into abdomen, pull forcep with tissue out through morcelator