



Electronic Scalpel project to Jales Unit.

The Barretos Cancer Hospital is considered a national reference center for the treatment of cancer, with 100% of patients in the public system (SUS). Unit III in Jales was created with the purpose of decentralizing care in Barretos and bring cancer treatment closer to patients in the northwest region of São Paulo state, serving 92 municipalities of this region, covering 1,144,594 inhabitants. The Jales unit was inaugurated in June 2010 and today carries about 1,000 daily visits. In 2014 it was performed 357,765 outpatient consultations, 6,813 surgeries of large and small and in addition to chemotherapy and radiotherapy. Today Jales unit has 35 physicians in their clinical staff, 320 employees and is constantly growing.

To the request in question, we justify that despite all the demand, we do not have this system device which can perform procedures such as:

The electrocautery unit VIO of Erbe line, promotes automated safe and pulsed power failure, allowing to perform advanced procedures in endoscopy, such as Dissection Endoscopic the submucosa (ESD), removing in a single block precursor lesions and cancer early in the esophagus, stomach, large intestine and rectum, reducing the risk of relapse compared to procedures performed and avoiding some surgeries.

Endoscopic dissection of the submucosa is a procedure developed by the Japanese in that with tools that resemble small electric scalpels, known as "knife", cut the lesion as a whole, with a safety margin without body piercing, using the channel endoscope work. This procedure could benefit patients with early and high surgical risk injury.

Excluding non-melanoma skin cancer , colorectal cancer is the most prevalent second in men and women in southeastern Brazil (data from the National Cancer Institute) . In addition, it is known that about 90 % of cases of colorectal cancer are sourced from an adenoma (benign lesion easily removed by endoscopic procedure) . So it would be of great value to implement this procedure in our unit through the acquisition of this electrocautery unit , preventing many of our patients require surgery. Opting for a less bloody procedure , with less morbidity .

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