

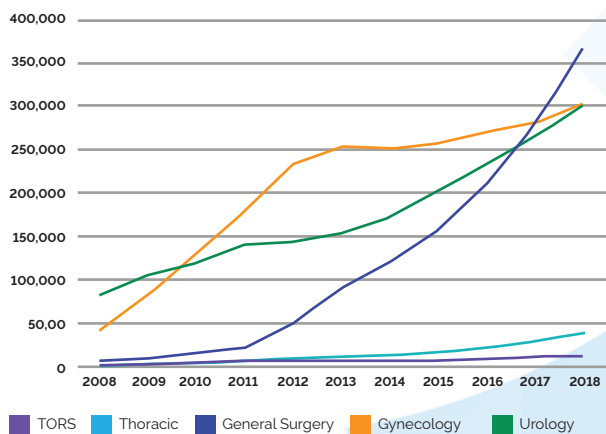
ROBOTIC SURGERY UNIT



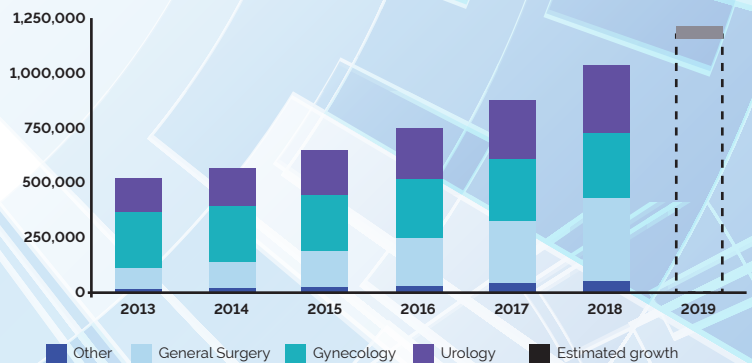
GINECOLOGY

Since 2010 gynaecological procedures all over the world with da Vinci system increase in a 15%. In Europe the increase is also steady.

Growth in procedure categories
Global over past 10 years



Worldwide procedure trend



da Vinci Xi technology

Revolutionary anatomic access



3D HD magnified vision



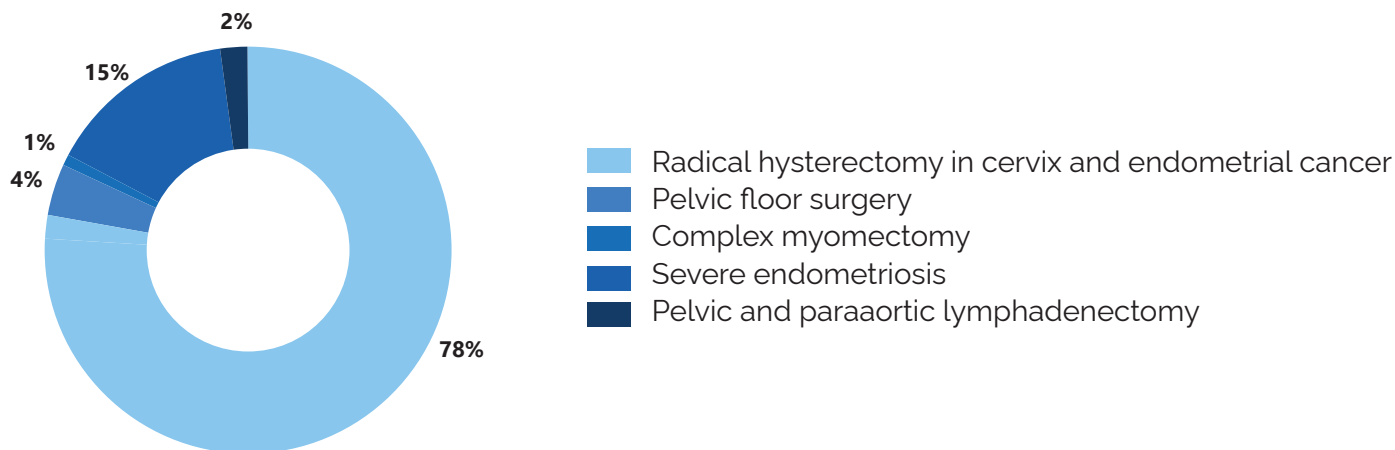
ENDOWRIST instrumentation with INTUITIVE movement



Improved ergonomics



Gynaecological procedures



In 2018 there were more than:

1500

Peer reviewed articles published

1.000.000

Procedures performed

900

Da Vinci systems placed

6.000.000

Procedures performed to date



Advantages of da Vinci robotic surgery

Allows surgeons to operate with more accuracy and through a limited number of small incisions, da Vinci surgery restricts drastically the blood loss and minimize the transfusion need. Apart from blood loss, robotic surgery allows doctors to face the most difficult cases in a minimally invasive way relieving complication risks.

	Hospitalization	Complications	Transfusions
Hysterectomy ¹ Benign pathologies USA., n°=1,474 compared with O. Surgery	- 1,4 días	- 81%	- 76%

	Open surgery	Laparoscopy	da Vinci
Hysterectomy ² Total average of lymph nodes (n)	- 14,9	23,1	32,9

One of the success indicators for oncology surgery is represented by a better removal of the tumour.

Bibliography:

- Landeen LB, Bell MC, Hubert HB, Bennis LY, Knutsen-Larson SS, Seshadri-Kreaden U. Clinical and cost comparisons for hysterectomy via abdominal, standard laparoscopic, vaginal and robot-assisted approaches. S D Med., junio de 2011; 64(6):197-9,201, 203 passim.
- Bogges J, Gehrig P, Cantrell L, Shafer A, Rigdway M, Skinner E, Fowler W. A. Comparative Study of 3 Surgical Methods for Hysterectomy with Staging for Endometrial Cancer: Robotic Assistance, Laparoscopy, Laparotomy. The American Journal of Obstetrics & Gynecology. Octubre de 2008; 360.e1-360e9.