

ROBOTIC SURGERY AND PERIOPERATIVE MORBIDITY IN ELDERLY WOMEN WITH INTERMEDIATE AND HIGH RISK ENDOMETRIAL CANCER

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INTRODUCTION

Older women are more likely to die of endometrial cancer. Reasons include aggressive tumour, advanced disease, reluctance to offer surgery and increased complications of treatment. We investigated the safety and short-term outcomes for elderly patients (≥ 75 years old) undergoing robotic surgery for intermediate / high risk endometrial cancer.

MATERIAL AND METHODS

Prospective data collection of all robotic procedures performed at our centre, The Christie NHS Foundation Trust between 1st January 2015 and 30th April 2021.

Inclusion criteria:

women age ≥ 75 years old with endometrial cancer of intermediate or high risk who underwent robotic surgery.

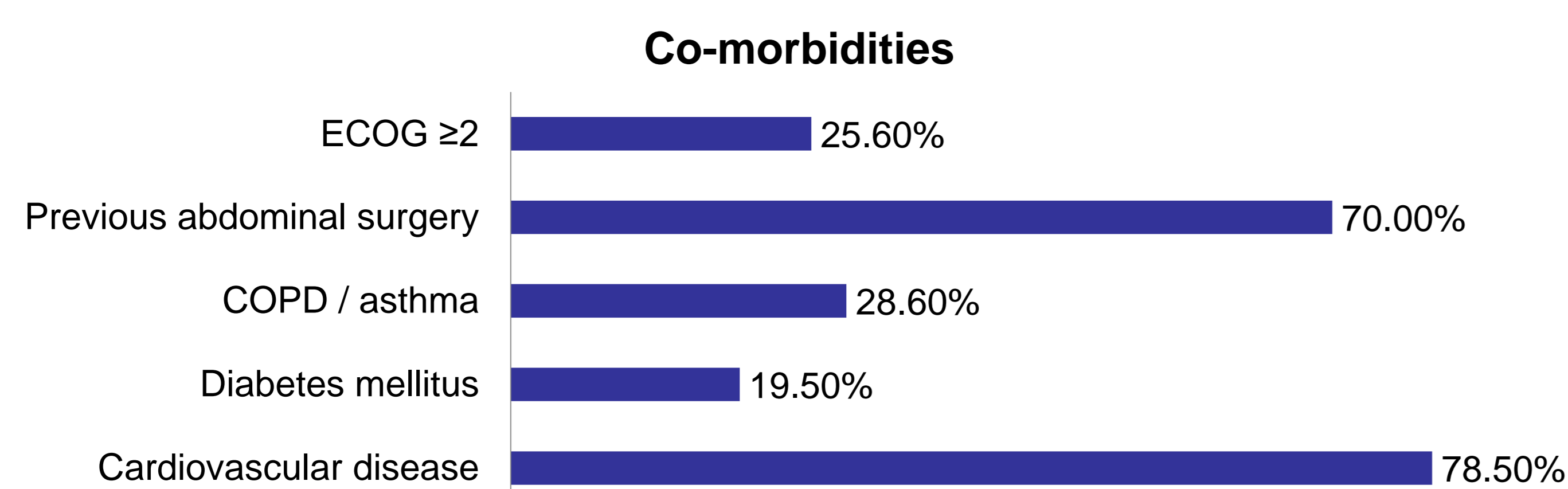
RESULTS

PATIENTS PROFILE / CHARACTERISTICS



	n=122	mean (range)
Age (years)		80 (75 - 91)
BMI (Kg/m ²)		30 (18 - 49)

We identified almost 28% (122/421) being elderly. All comorbidity characteristics other than BMI were more frequent in the elderly, compared to the younger group of our patients in the same period (n= 299, mean age 63, range 37-74 years old).

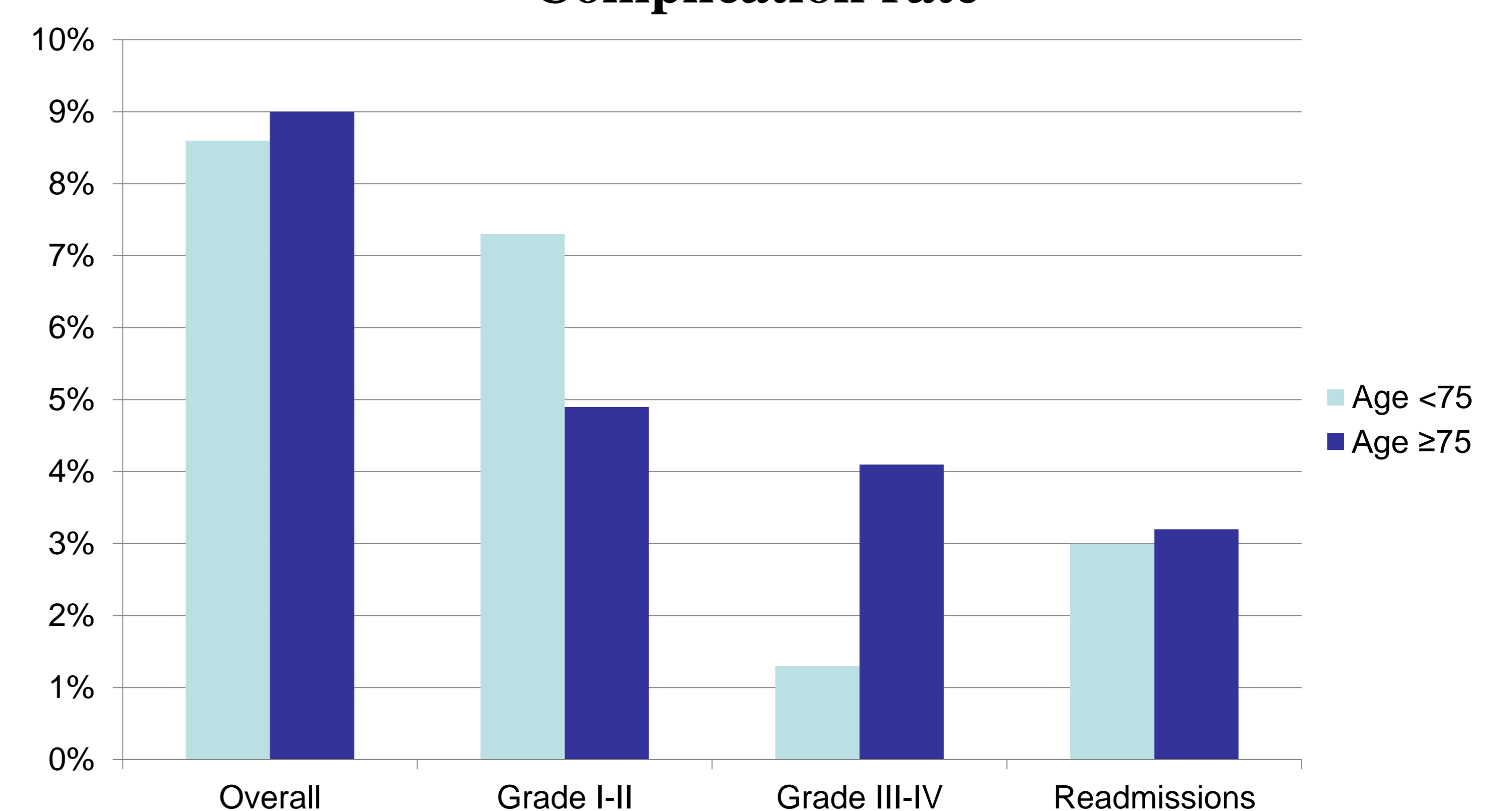


SURGICAL OUTCOMES

	n=122	
• Pelvic Lymph node dissection		85%
• Mean Lymph node count		17.6 LN



Complication rate



DISCUSSION

Mean length of hospital stay was longer for the elderly (2.5 vs 1.9 days, $p < 0.05$). There was no difference in the overall postoperative complication rate (9.0% vs 8.6%, $p > 0.05$) comparing the patients ≥ 75 years with the patients < 75 years. We observed 4.1% grade III-IV complications vs 1.3% ($p < 0.05$), which is likely related to the higher prevalence of multiple comorbidities in the elderly. There was no difference in readmissions (3.0% vs 3.2%, $p > 0.05$). There were no deaths in either of the groups.

CONCLUSION

Robotic surgery including PLND is feasible and safe in the elderly, ensuring appropriate oncological staging, with a low postoperative complication rate. Elderly women should not be considered too old for surgery.

DISCLOSURE

The Christie NHS FT is an accredited training centre for robotic surgery in Gynaecological Oncology. Mr M. Smith and Miss E. Myriokefalitaki are proctors for Intuitive/DaVinci Robotic system

REFERENCES

- <https://www.cancerresearchuk.org/about-us/we-develop-policy/our-policy-on-access-to-cancer-treatments/treating-and-caring-for-an-ageing-population>
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