

Magnitude of morbid obesity i.e. BMI>40 in women diagnosed with endometrial cancer

Dr. Faozia Wangde (Trainee), Dr. Shireen Irfan (Trainee), Dr. Annabel Norris (Clinical Fellow), Dr. Sudha Singh (Cons Gyne-Oncology)

Victoria Hospital, NHS Fife

INTRODUCTION

- 4th most common cancer in women, 9700 new cases/year in UK
- Incidence of Endometrial Ca is highest in women aged 60-79.
- Early diagnosis associated with 5-year survival rate upto 80%.
- 7th most common cancer cause of death in the UK.
- Recommended Rx – surgery (TH BSO+/-LN) +/- adjuvant therapy
- Obesity is now affecting 25% of adults in the UK.
- MRI is used for assessment of endometrial cancer, but scanners have weight limit prohibiting scanning morbidly obese patients.
- Long-term outcome of medical management with Progestogens, in low-grade endometrial cancer with morbid obesity is unclear.

OBJECTIVES AND METHODS

Aim:
Assess magnitude of morbid obesity i.e. BMI>40 in women diagnosed with endometrial cancer and need for dedicated weight loss service.

Method:
Retrospective study of data collected from cancer database

Study period:
Jan 2019 and Dec 2021.

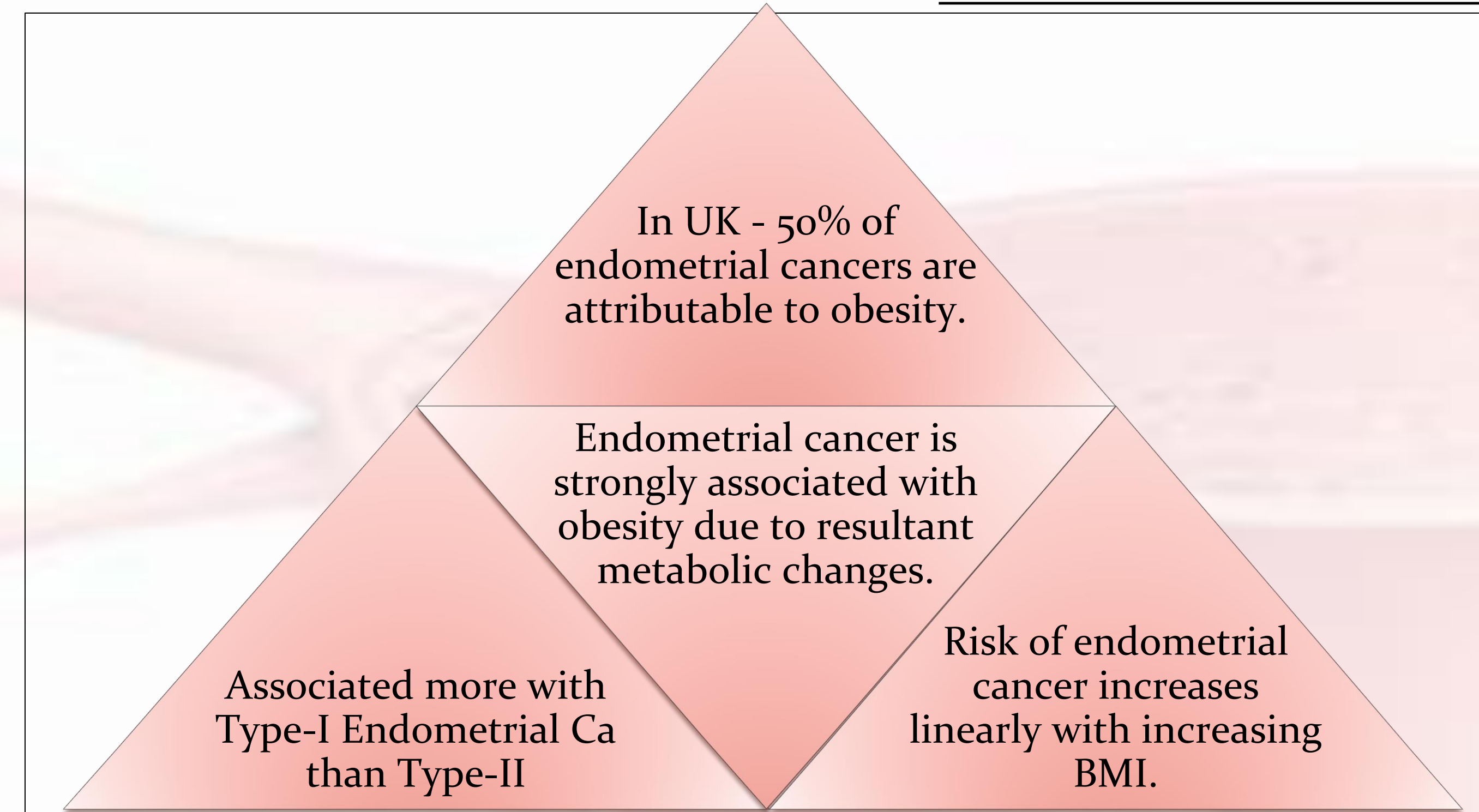
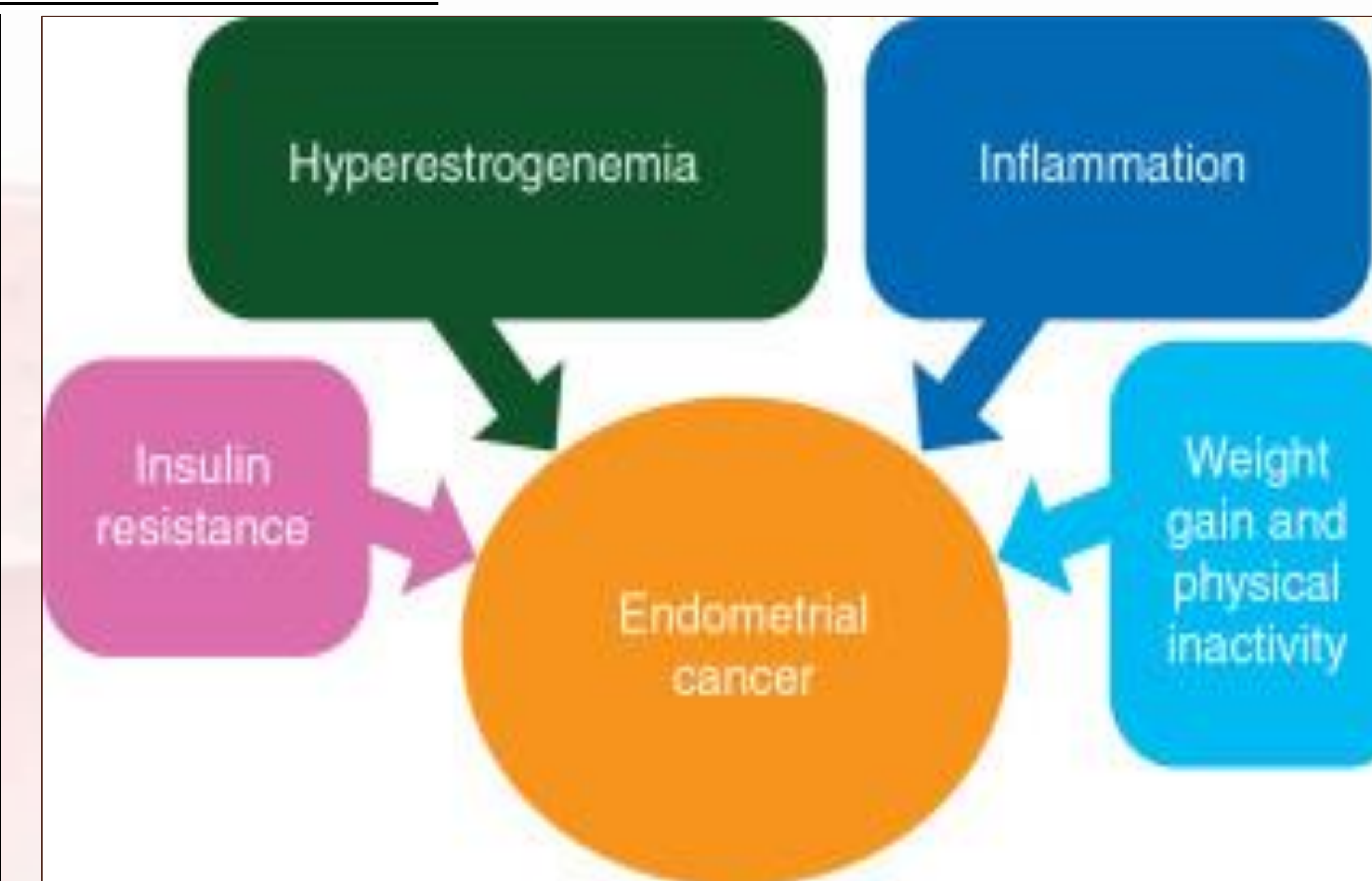
Patient Identification:
All women diagnosed with endometrial cancer. 160 women were identified, but data for 10 women unavailable (n=150).

RATIONALE FOR THE AUDIT

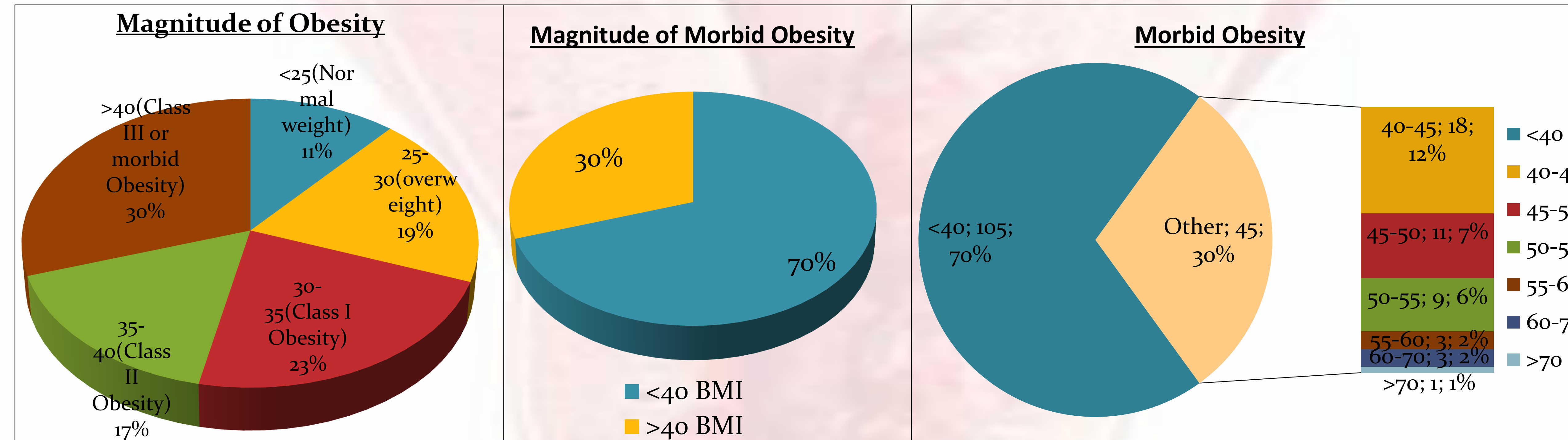
Co-morbidities: Cardiovascular, HTN, DM, Cerebrovascular	Perioperative/anaesthetic complications: obstructive sleep apnea, arrhythmias, acute cardiac events and VTE.
MORBID OBESITY (BMI>40)	
Surgery time prolonged. Higher rate of conversion to open surgeries. Longer instruments for surgery	High-dependency postop care. Prolonged hospitalization. Higher rate of wound infection

Impact on medical, nursing and psychosocial resources

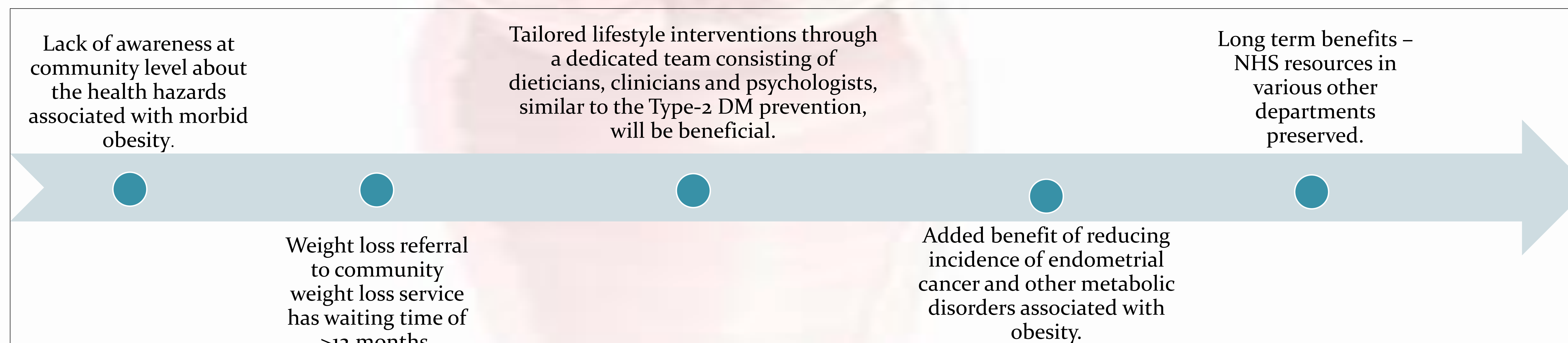
ENDOMETRIAL CANCER AND OBESITY



RESULTS



AUDIT ANALYSIS



RECOMMENDATIONS

Awareness at community level – GP education, Patient information leaflets

Robotic Surgery – for ease of surgery - recently set up in VHK

General surgeons – in process of setting up Bariatric Surgery service for Morbidly obese women.

Weight management team:
• Dietitians
• Gynecologists
• Maggie's Cancer Charity Centre – Funding and psychologists

ACKNOWLEDGEMENTS

Maggie Charity Centre – for funding and providing psychologist team
General Surgery Team – NHS Fife - for project with Bariatric Surgery

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J Clin Oncol. 2016 Dec 10; 34(35): 4225-4230. Published online 2016 Nov 7. doi: 10.1200/JCO.2016.69.4638 PMID: PMC5455320
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