

Audit of Emergency Gynaecology (EGyn) USS Pathway and Impact on Inpatient (IP) Admission

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Objective

- To assess compliance of Emergency Gynae scan slots (EGyn) for non pregnant patients reviewed with Gynae symptoms
- To assess the impact of this service on inpatient (IP) admissions

Retrospective study design

- Audit period July 2021 – Dec 2021 (Audit loop closed)
- Initiation of 2 Gynae scan slots in EPU (Early pregnancy Unit) following audit in September 2019

Outcome measures

- Primary outcome** - To assess compliance with the Emergency Gynaecology scan pathway and its impact on IP admissions
- Secondary outcome** - To identify practical challenges encountered while setting up the new pathway

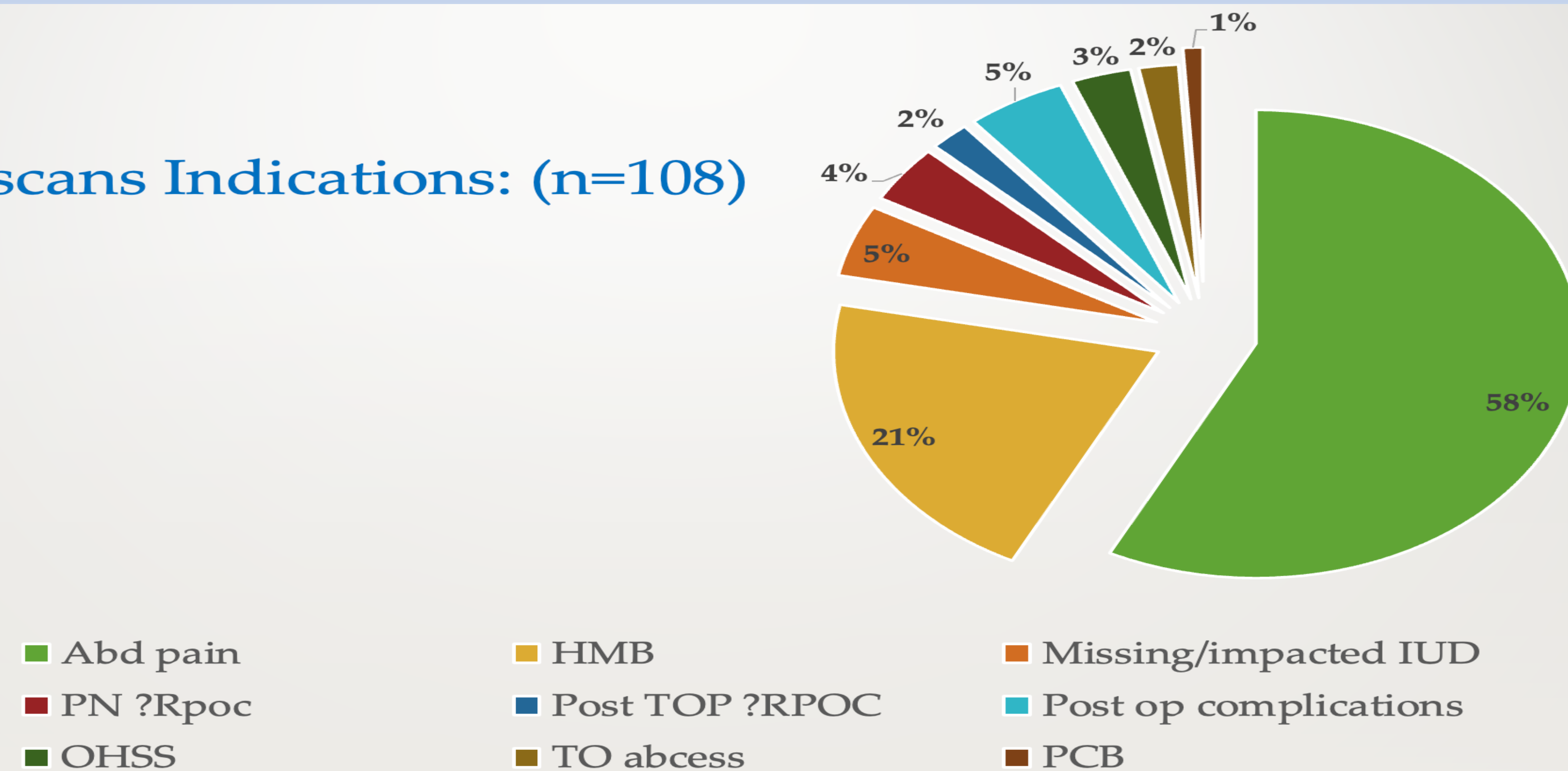
Standard Operating Policy (SOP)

- Monday to Friday 2 scan slots/day were reserved for non pregnant patients who did not fulfil the criteria for admission
- Radiography Assistant (RDA) contacted the patient with scan appointment
- Patients reviewed by the on call team after scan for further management

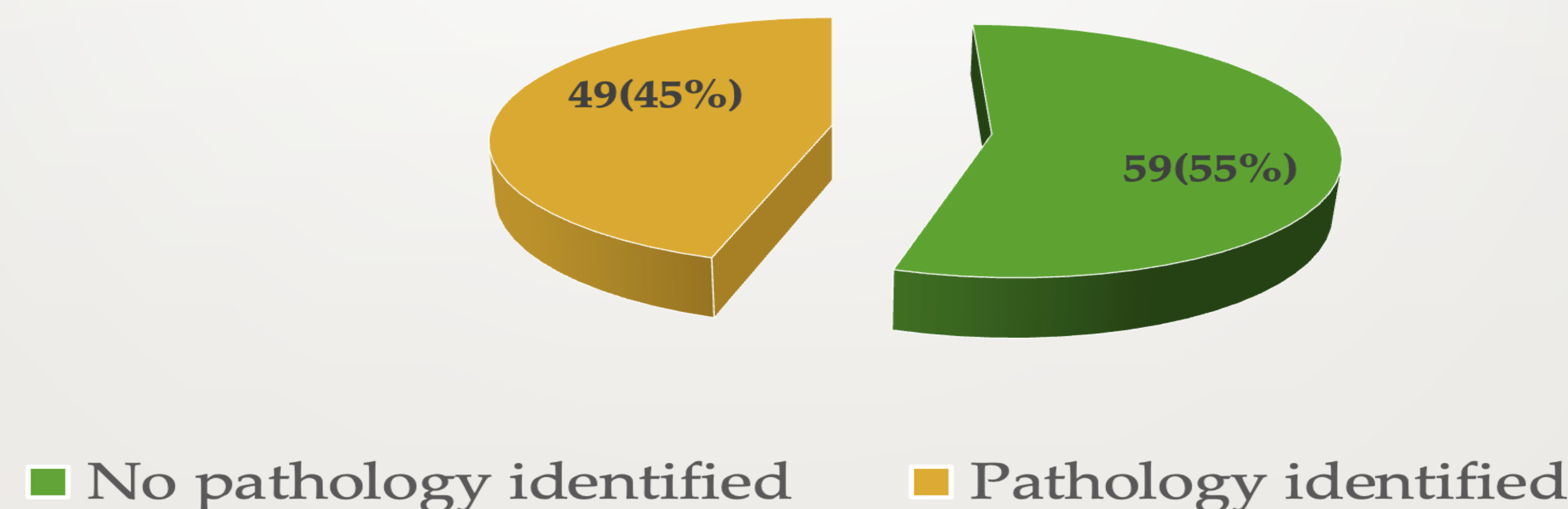
Challenges related to compliance with the pathway

- GP requesting routine Gyn scans on the EGyn pathway
- Patients referred for scan from GOPD on this pathway
- PMB patients booked on this pathway
- Non availability of A&E notes at the time of review of scan

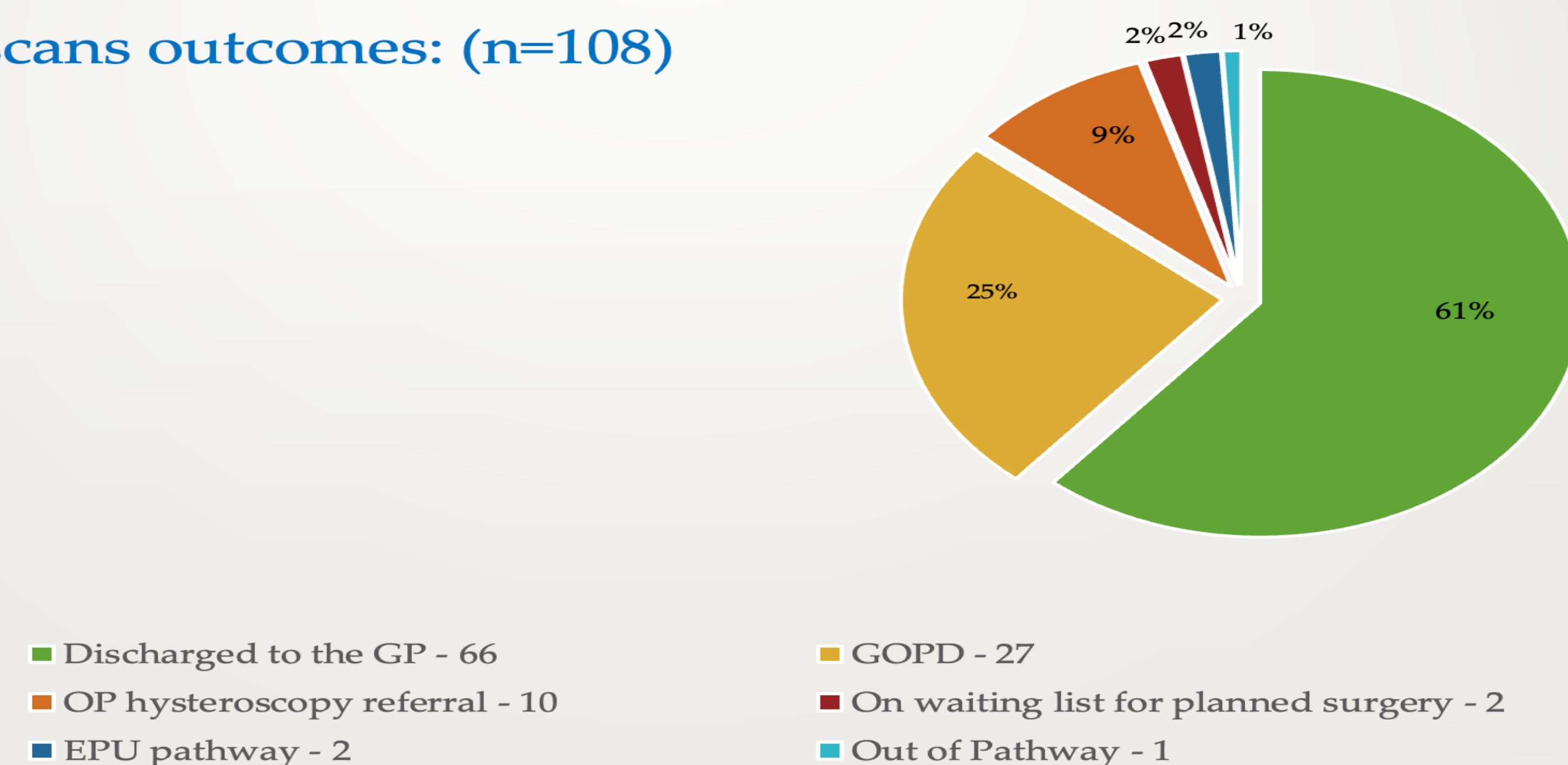
EGyn scans Indications: (n=108)



EGyn scans findings: (n=108)



EGyn scans outcomes: (n=108)



Results - EGyn - 108 patients - All scans actioned

Total patients reviewed	874 / 6 months		
Waiting time for scan	96% within 72 hours	67% within 24 hours	(72 hours guidance)
Waiting time for review in EPU	50% <2 hours	29% 3-4 hours	21% > 4 hours
Pathology	41% present	59% normal USS	
Indication	Pain+ menstrual irregularities		
Outcome	72% discharged	29% GOPD Follow up	2% elective procedure or Outpatient hysteroscopy
Inpatient admission	12% (previous audit 20%)		

Conclusion

This pathway streamlined the care for non pregnant patients with added benefit of cost saving due to decrease in inpatient admissions

Special Thanks

- Miss G Ahsan- As CD to negotiate with radiology department for scanning slots
Supervise/ Advise / Support in setting up the pathway
- Donna White and USS team
- Woodlands team – Support with review of histology's, pending investigations and help in collecting data
- RDA- Supporting data collection