## IAUN- 27<sup>TH</sup> January 2017

Abstract Title	MAGNETIC STENT REMOVAL IN A NURSE LED CLINIC-A NINE MONTH
	EXPERIENCE
Presenting	Debbie Rooney, CNS Urology, Connolly Hospital
Leads	Lauren O Connell, SHO ,Connolly Hospital
	Mark Broe, Urology SPR ,Beaumont Hospital
	Debbie Rooney,CNS Urodynamics ,Connolly Hospital
	Barry McGuire ,Consultant Urologist, Connolly Hospital/Beaumont Hospital
Aim	To examine outcomes of patients who had magnetic stents inserted post uretroscopy to assess the patient experience and associated cost savings.
Introduction	Ureteric stents are frequently inserted post uretroscopy. Prior to the set up of this clinic subsequent removal of these stents was a further endoscopic
	procedure, most commonly by flexible cystoscopy.
	An alternative method of removal is through the use of a magnetic retrieval device (BlackStar©).
	We report our early experience with this novel method, in which all stents were removed in a nurse led stent removal clinic
Method	A total of 59 patients had magnetic stents inserted during the study period. All stents were inserted post uretroscopy for ureteric or renal
	calculi.
	2. A retrospective analysis was performed of all patients who underwent
	magnetic stent insertion and subsequent nurse led removal over a nine month period
	3. Patients were asked to complete a validated stent symptom
	questionnaire (USSQ) as well as satisfaction rating
	4. Costing was obtained from the finance department to validate the overall cost of a patient attending the hospital for stent removal via flexi
	cystoscopy.
Results	A total of 59 patients had magnetic stents inserted during the study
	period. All stents were inserted post uretroscopy for ureteric or renal
	calculi 2. Response rate to the USSQ questionnaire was 74.6%.
	3. Analysis of the USSQ displayed an overall positive feedback from the
	patient's involved. With a high percentage of patients reporting they
	would have their stent removed in the nurse led clinic again if required.
	4. The complication was low at just 6.7% overall.
	5. The estimated cost saving for the hospital with this project in
	comparison to the use of flexible cystoscopy overall was 47,970
Conclusion	The overwhelming positive feedback from patients referred to this service has
	demonstrated that nurse led removal of magnetic stents in post uretroscopy
	patients has a high patient satisfaction rate and a significant potential cost benefit. The project has completely put the patients at the centre of service
	development in the hospital. It had no increased cost on the hospital.
Submission	For poster presentation.