

Hawassa University Urology Unit Plan of 2021/2022

Background

Urology was the first unit to be established in 2010. With the help of Urolink, the unit was equipped with endoscopic instruments for lower urinary tract procedures. Dr. Abera and voluntary surgeons from abroad were able to deliver urologic consultations and operation (both endoscopic and open) for a large number of patients.

Current status

Personnel

Currently, there are three urology surgeons. There is one trained urologic nurse. The unit also receives two general surgery residents and interns every month as part of their training.

Activities

The urology unit includes referral OPD activities twice per week, major OR operation twice per week and minor OR activities twice a week. Since the beginning of the urology unit, the activities have been increasing from year to year. For example, in 2020/21 fiscal year (July 8, 2020 up to July 7, 2021), we were able to operate 242 major (open stone surgeries, urethroplasties and TURs) and 160 Minor (cystoscopy and urethral dilatations) procedures. We also conducted surgical campain every Saturday for around 40 patients.

Waiting list for surgery

Diagnosis	Numbers
1. Kidney and ureter	
Stone	47
PUJ obstruction	3
Tumor	3
Others	2
2. bladder	
Stone	1
Tumor	21
Others	0
3. prostate	
BPH	68
Prostatic cyst	0
Others	0
4. urethra	
Urethral stricture	20
Hypospadias and UCF	7
Others	4
5. Scrotum and testicles	
Hydrocele	1
Testicular Tumor	1

Next year plan (July 8, 2021 upto July 7, 2022)

Proposed time table for next fiscal year (July 08, 2021 up to July 07, 2022)

	Paper work	Clinical activities	workshops	Urology seminars for G. residents	Urology lectures for medical students	Urology nurses training	Urology skill training for G. residents
July	X	X		X			
August		X		X			
September		X		X			
October		X		X		X	
November		X		X			
December		X		X			X
January		X		X			X
February		X		X			
March		X		X		X	
April		X		X			
May		X		X			
June		x		x	x		
Remark							

Paper work = preparation of lectures, written exams and research proposals

Clinical activities = ward round, outpatient clinic and operation room activities

Workshops= stone surgery and urothroplasty workshops will be planned when travel restriction bans are lifted for international partners.

Surgical campaign= it will continue every Saturdays as long as hospital budget allows

Proposed surgeries for next fiscal year (July 8, 2021 upto July 7, 2022)

Month	Planned surgery		Done		remark
	Major	Minor	Major	Minor	
Hamele	8x3=24	8x2=16			
Nehase	8x3=24	8x2=16			
Meskerem	8x3=24	8x2=16			
Tikemet	9x3=27	9x2=18			
Hedar	8x2=24	8x2=16			
Tahasas	7x3=21	7x2=14			
Tir	8x3=24	8x2=16			
Yekatiti	8x3=24	8x2=16			
Megabit	9x3=27	9x2=18			
Miaza	7x3=21	7x2=14			
Ginbot	9x3=27	9x2=18			
Sene	8x3=24	8x2=16			
Total	291	194			

N.B.

-The above calculations are based on the number of operation days times the number of procedures for each month.

- The above numbers don't include Saturday campaigns and duty time procedures as the numbers are difficult to predict.

Future Plan

Short term

- To increase the number of urology surgeons.
- To strengthen the capacity and quality of the skill lab.
- To perform clinical audit and research.
- To create sustainable supply of endoscopic instruments to the unit by purchasing and donations from our long standing partners.
- To arrange workshops with partners to strength the skill of the already started procedures and to initiate new ones.

Long term

- To further strength our external link.
- To start post graduate urology programme.
- To enroll the urology surgeons in further urology fellowship programme like laparoscopic urology.

Instrument demand

- HF cable for mono and biopolar Olympus generator
- URS 7.5fr or 8fr
- Guide wires and baskets
- Cutting loops for karlstorz resectoscope
- C arm

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