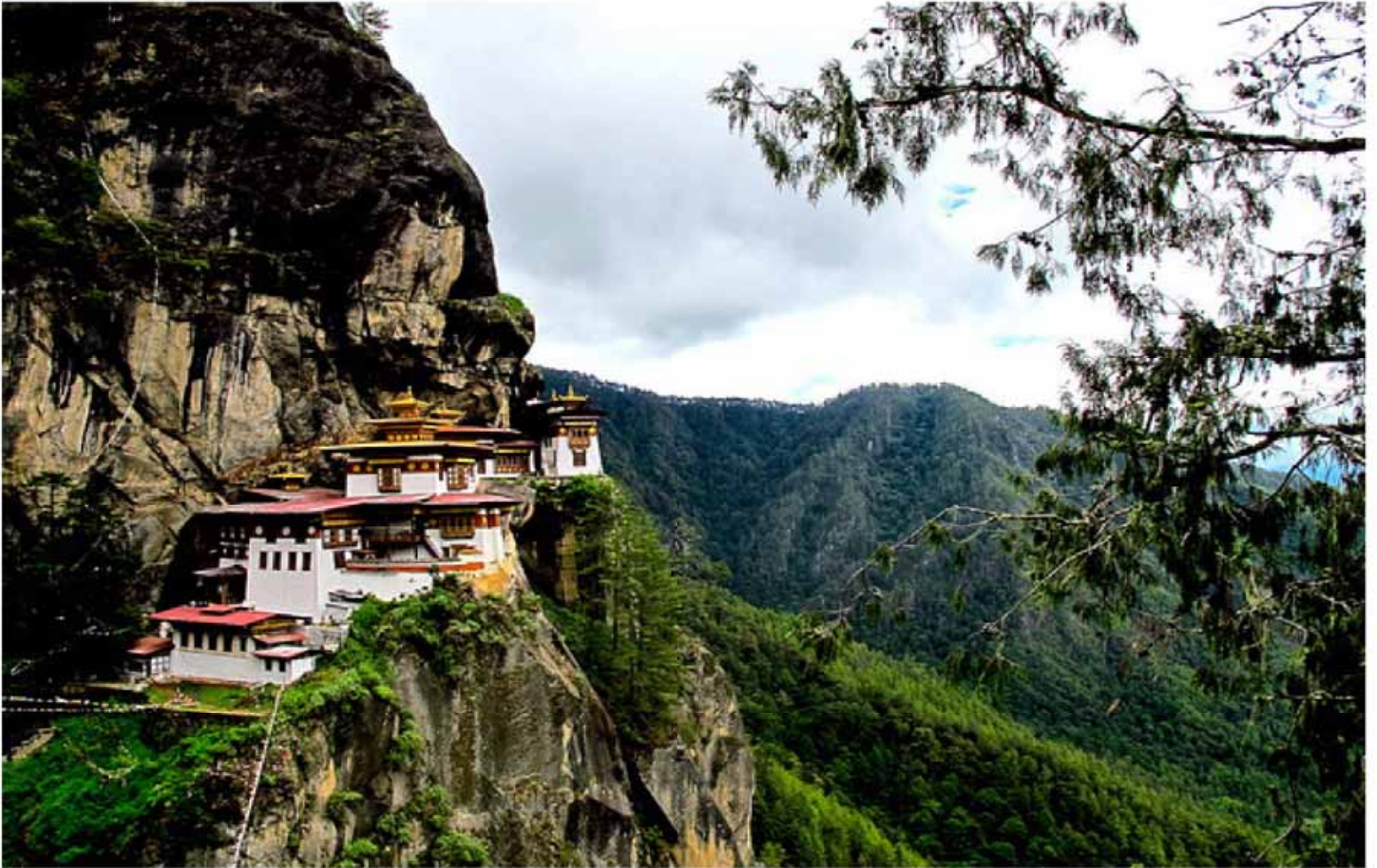


Paro Dzongkhag



- Altitude: 2250 m
- Total area: 1293 Sq. km
- 10 gewogs, 1 thromdue
- Population: 45000
- 54 Km from Thimphu
- Rapidly growing town
- Education: 30 schools/2 colleges (12000 stds)
- Religious institutions: 27

Taktshang Monastery



International Airport



Paro Town



Paro Hospital

- 1 km from Paro Town
- Total population(catchment area)
: 34,000
- Thromdue + 7 gewogs
- 40 beded
- Emergency unit (9am -9pm)
- OT: Closed
- OPD : 400 – 500 per day
- 130 staff
- 6 doctors: Generalist
- 33 nurses
- EPIS pilot study



Annual OPD Attendance:2018

Sl #	Units	OPD Cases	*Remarks
1	Reception (9am – 3pm)	107,532	Peak : August
2	Casualty (3pm – 9pm)	16,677	KUOs: 3835 Brought dead:10 Death:1
3	Ward (9pm -9am)	3,302	KUOs: 1379
4	TMU	13,545	
	Total	141,056	

Top 10 Diseases: 2018

Sl. #	Disease Name	Disease Code	Total Patient
1	Common Cold	J00	9716
2	Other Diseases of the digestive system	KZZ	6727
3	Other musculo skeletal disorders	MZZ	5769
4	Dental Caries	K02	4201
5	Other disorders of skin & subcutaneous tissues	LZZ	3890
6	Other respiratory & nose disorders	JZZ	3816
7	Other eye disorders	HZZ	3553
8	Other Nervous including peripheral disorders	GZZ	3465
9	PUD	K20	3447
10	Other Kidney/Genital disorders	NZZ	3211

Indoor

Sl #	Indicator	2017	2018
1	Admission	2505	2365
2	Discharges	1829	1864
3	Patients Days	7703	8194
4	Health Facility Mortality	31	22
5	Referred out	348	412
6	Institutional deliveries	256	263
7	Neonatal Death	0	0
8	Maternal death	0	0
9	Average length of stay	2.9 days	4.45 days
10	Bed occupancy rate	55.01%	60.74%

Indoor Mortality: common CoDs

SI #	CoD	2017	2018
1	ALD	9	3
2	Cancers	4	8
3	CKD	3	1
4	Cardiovascular events (CVAs/MIs)	4	4
5	Sepsis	3	2
6	COPD	1	2

Hospital Telemedicine Resources

- No formal telemedicine facilities
- No formally trained staff
- Medical consultations are made over the telephones and personal mobile phones
- Exchanges of images, pictures and texts are made through social media channels such as wechat, whatsapp and SMS
- Initiated EPIS pilot studies in 2018: ongoing

Medical needs for telemedicine

- No formal existing teleM setup & activities
- Future plan: EPIS

HOWEVER...

- Complexities of medical cases
- Increasing NCD & Cancers cases/ chronic cases
- Aging population
- increasing demand for the quality services
- Accessibility/availability of the technology

There is a definite need for the telemedicine services, however the collaboration between the tertiary care and the remote health center has to be improved. The specialist has to lead...

Hospital Telemedicine Resources

Key persons (way forward):

- Doctor: Dr. Ugyen Wangdi, CMO, Hospital
- Engi: Kesang Choden, ICT Officer, Dzongkhag
- Co-ordinator: Yeshi Lhamo, ADMO, Hospital

Hospital Telemedicine Resources(available)

- Internet: Druk-REN
 - Bandwidth: 10mbps
 - Router: Cisco
 - Security: default routing
- Equipment:
 - Computers: Laptops, Desktops, TV
 - Teleconference room: Conference room
 - OT

Endoscopy unit

Not available in the district hospital.....

Thank you....