

Telemedicine in eastern Nepal : **challenges & opportunity**

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B.P. Koirala Institute of Health Sciences

B.P. Koirala Institute of Health Sciences (BPKIHS) is a medical institution in Nepal. It was established in 1993 in Dharan, a city located in Sunsari district in eastern Nepal, and subsequently upgraded as an autonomous Health Sciences University on Oct 28, 1998.

more : <http://bпкиhs.edu>



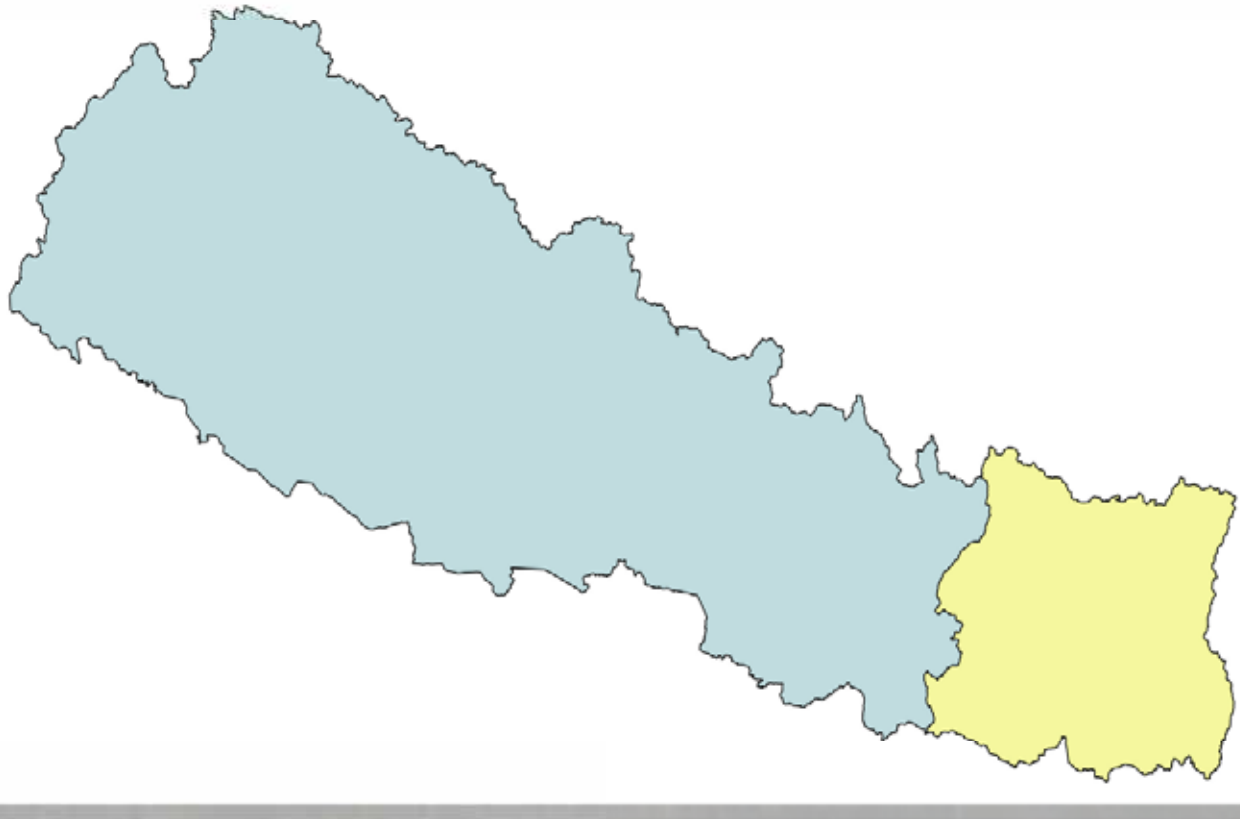
BPKIHS : Telemedicine Programme

Telemedicine programme : started May 2015 and continue running

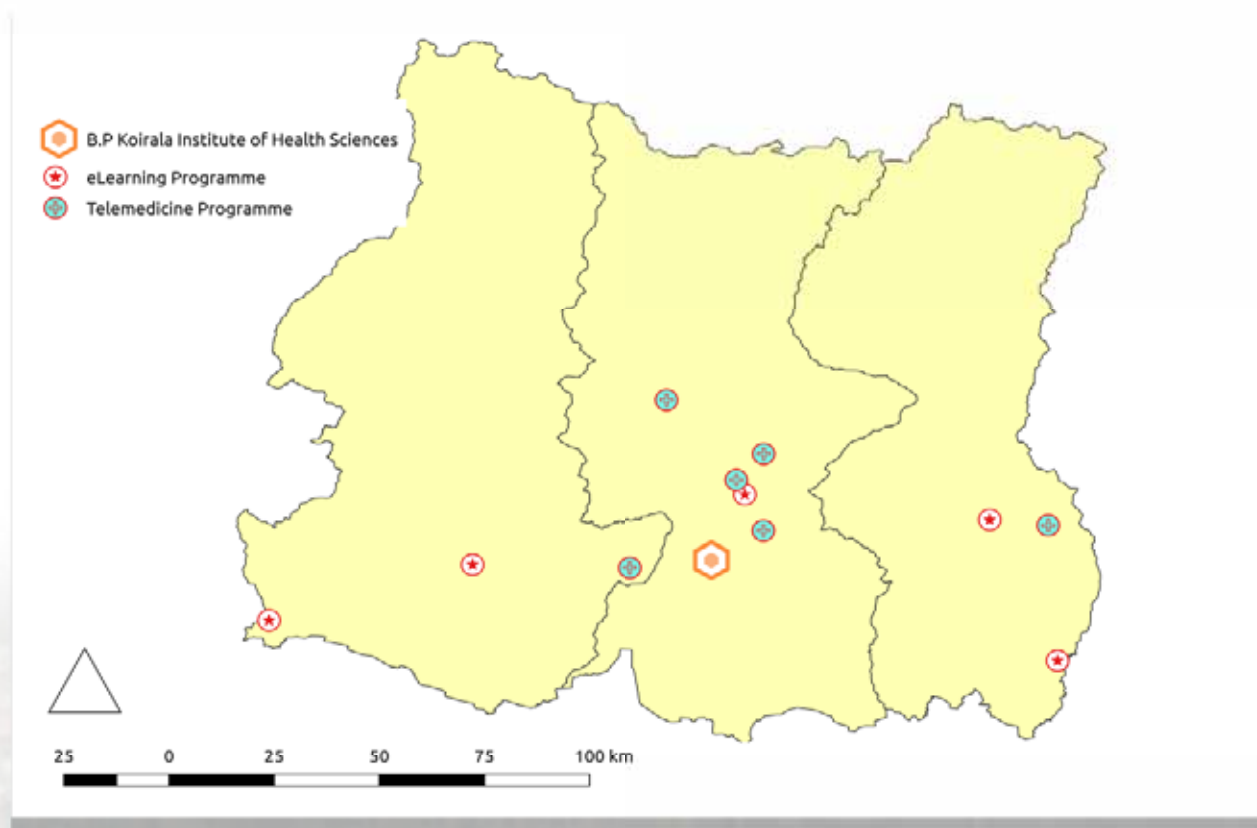
expanded to : 6 sites; (4 districts; 3 administrative zone; 2 province; focused on eastern part of Nepal)



BPKIHS : Telemedicine Programme



BPKIHS : Telemedicine Programme



Telemedicine : opportunity

- working on remote places which are not far from the BPKIHS by distance but very difficult to access health facility.
- **Sindhuwa** : 79 Km from BPKIHS but very hard to get public transport
- **Fikkal (Suryodaya PHC)** : 145 KM far from BPKIHS and most of the patients can not afford private hospital which are in between PHC and BPKIHS.



Telemedicine : opportunity

- Bhojpur : 143 KM far from BPKIHS but takes more than 6 hour.

There is one district hospitals in between but no adequate facilities for patient treatment. Most of patient refer to BPKIHS (and other private Hospitals)



Telemedicine : opportunity

- Himalayan Times writes a news about the road to bhojpur :
- *The under construction road section became muddy after the rains, obstructing passengers of Bhojpur and Sankhuwasabha from smooth travel. The travellers are forced to walk some distance in their journey after the vehicles they are traveling on get stuck in the mud at various parts of the road section.*
- URL : [click to read more](#)



Telemedicine : opportunity



Telemedicine : opportunity

- × **Relationship with other Healthcare Providers** : Helps to upgrade the knowledge and skills of Healthcare Providers working in such remote places.
- × **Diversity** : Can have diversity of cases for the consultants.
- × **Followup** : Patients can save time and money for minor ailments for which they were previously referred.



Telemedicine : challenges

- × **Awareness** : Looks hi-tech for the people who are not used on computer and internet. It has to address by the people who are working on digital device.
- × **Motivation to Health worker** : Health Personnel working on small village have a lot of work. Sometime telemedicine becomes least priority



Telemedicine : challenges

- × **Government Policy** : There should be a a treatment guideline for the telemedicine patient.
- × Lack of easy accessible teleconferencing software
- × Lack of online EMR (Electronic Medical Record system) for telemedicine patient.



BPKIHS > Telemedicine > Tools

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Site Name	Address	Phone No.	Fax No.	OPD Day	Remarks
Sahari Swasthya Clinic, Patle, Dhankuta	DHANKUTA MUNICIPALITY	26520087	26520087	Wednesday	
Parewadin Healthpost, Dhankuta	CHATHAR MUNICIPALITY, DHANKUTA	9852050943	026-404045	Tuesday	
Suryodaya Healthpost, Ilam	SURYODAYA MUNICIPALITY	9843003195	027-540128	Sunday	
Rupnagar, Dhankuta	KANCHANRUP MUNICIPALITY				
Primary Health Center, Danda Bazar	Danda Bazar, Dhankuta	9849406861	026-401028	Monday	facebookid
Primary Health Center, Pyauli	Arun Gaunpalika, Bhojpur	9819387890	029-690509	Wednesday	
Primary Health Center, Rampur Thoksila	RAMPUT THOKSILA, UDAYAPUR	9817792437	035-430119	Thursday	



BPKIHS : Telemedicine



• Thank you

