

04-25-2015 Sat 11:56:35

DABALI



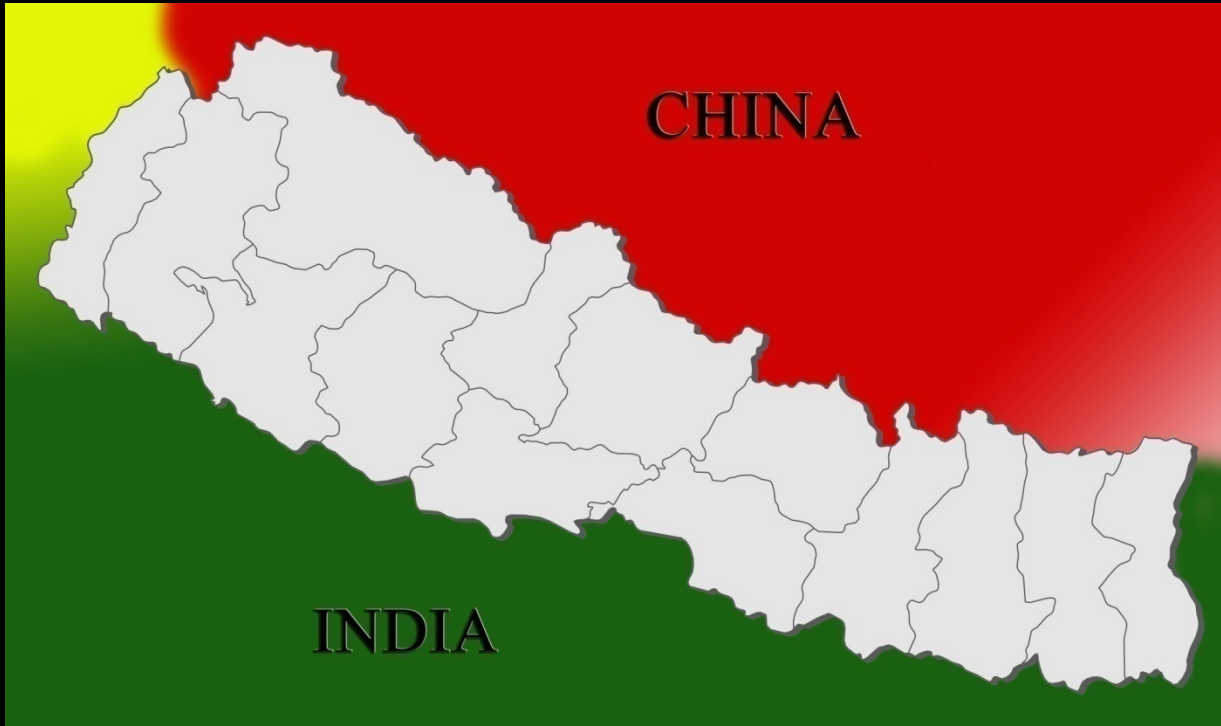
# Earthquake in Nepal

We live on a restless planet



Dr. Subash Pyakurel

# About Nepal



With surface area of 147,181 Sq. Km. and population of 30 million , Nepal is situated between China & India in south-east Asia. Having chain of mountains including the highest peak Mount Everest , Nepal is 'next to paradise' for its natural panorama.



25<sup>th</sup> April , 2015. The day was Saturday...  
Some were enjoying holiday with family &  
some working in the field

THE DAY WAS LIKE ANY DAY BEFORE !!

And...the time was





and all of sudden !

The earth began to shake like anything – VERTICALLY,  
HORIZONTALLY & SPIRALLY

SHOUTS & SCREAMS from everywhere,

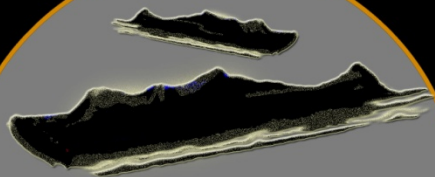
No one was in their own

Such an apocalyptic !

feeling of very close to DEATH

**7.8** Richter Scale    **51** seconds    **17** aftershocks    **400** in total.

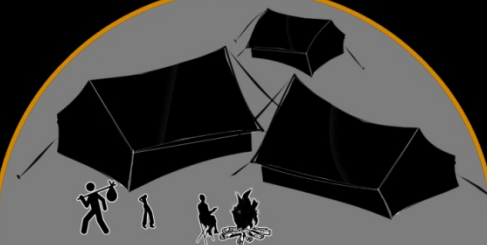
# The disaster aftermath



DEATH  
8,792



INJURED  
22,311



HOMELESS  
5,00,000



Health Institutions  
Damage  
20+633



SCHOOLS DAMAGE  
790



HERITAGE LOSS  
\$3.6 bn

# Few Glimpse

DEATH  
8,792





# Few Glimpse





# Few Glimpse





# Few Glimpse



# Few Glimpse





# Fortunately

- The day was Saturday: weekly holiday
- The tremor hit on a daytime
- The Freeways and international airport remained safe.
- The electricity and internet connectivity were not disturbed for more than 48 hours.
- There was quick rescue and relief operation from public / volunteers, medical personnel, armed personnel and international communities .



# Rescue and Relief from National Volunteers





# Rescue and Relief from international volunteers



# Helping hands from Norway



## Norway provides additional NOK 100 million to Nepal

Last updated: 29.04.2015 //

The Norwegian Government is providing an additional NOK 100 million to the relief effort in Nepal. 'This means that Norway's total support for the response to the earthquake disaster in Nepal comes to NOK 130 million which is equivalent to approximately 17.1 million US dollars. There is a huge need for assistance both in the short and the long term,' said Prime Minister Erna Solberg.

On 29th April, a team of 34 rescue and medical personnel as well as five rescue dogs from The Norwegian Search and Rescue Dogs (NORSAR) arrived in Kathmandu. The rescue team has special expertise in searching for survivors, getting them out of the ruins and provide necessary first aid. The team has started its work in Kathmandu.



# Our team's contribution in the extreme challenge during and after the major earthquake

**6 Districts**

**20 communities**

**7,000 Beneficiaries**

**Special Thanks to Fimreite Software AS  
for its Financial support and  
reassurance.**





# Challenges faced

- Lack of preparedness of the government
- Lack of preparedness of the people
- Lack of equipments technology for rescue
- Lack of relevant technologies in healthcare

# A must-have technologies in Healthcare for efficient disaster management

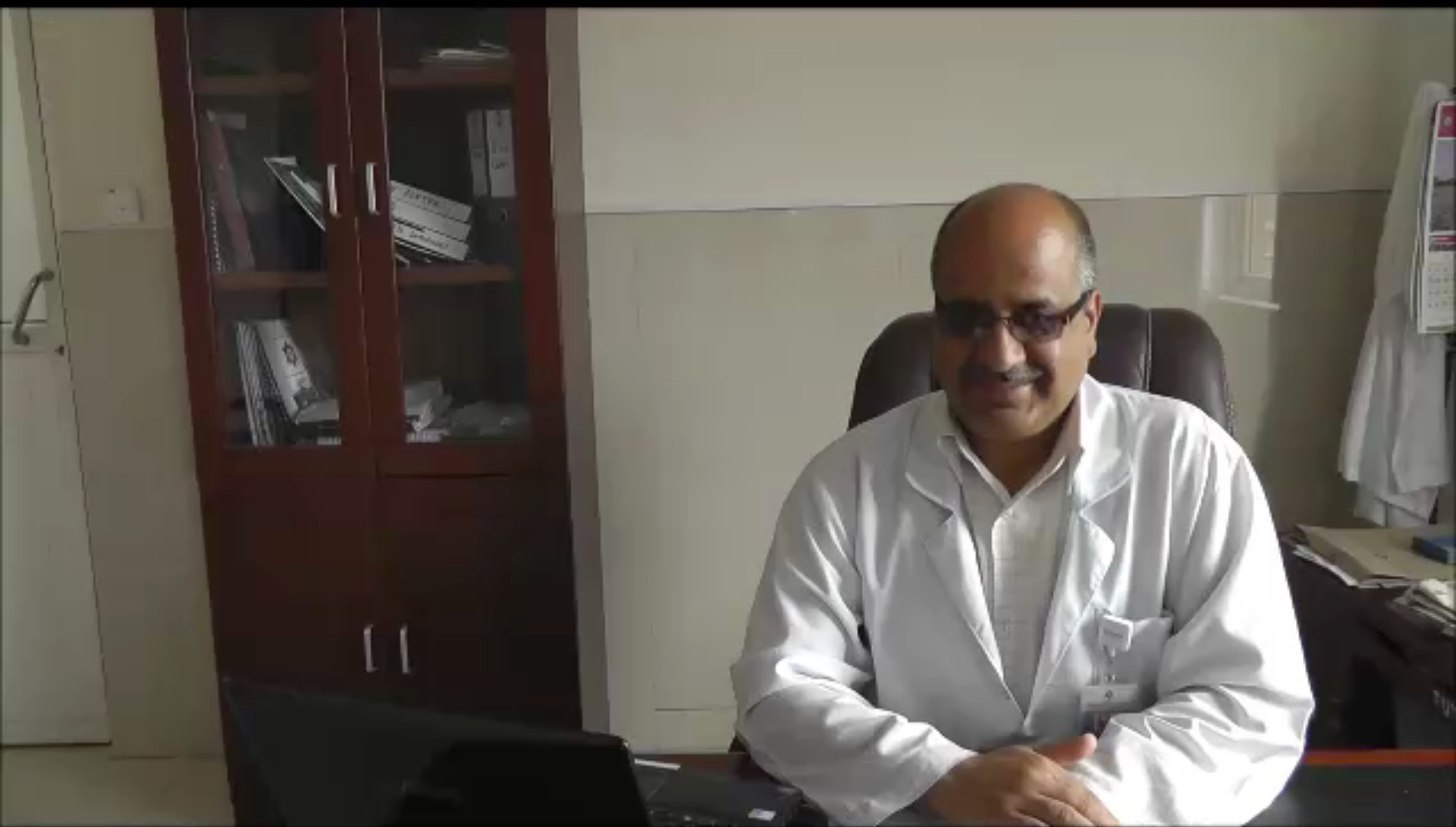
- Portable X-ray
- Portable ultrasound
- Trailer CT / MRI (already proven beneficial through research in Nepal)
- Telemedicine with high-end technology
- EMR (with image storing and sharing facility )
- Integrated Emergency Service (with use of mobile applications)
- Image transfer facility

*\* Based on our own experience and feedback from medical personnel and managers*

What experts say



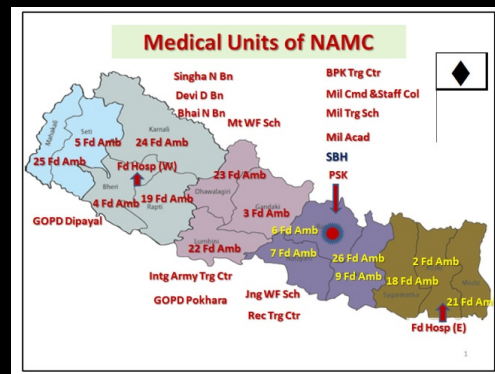




# PaCentric® Projects in Nepal

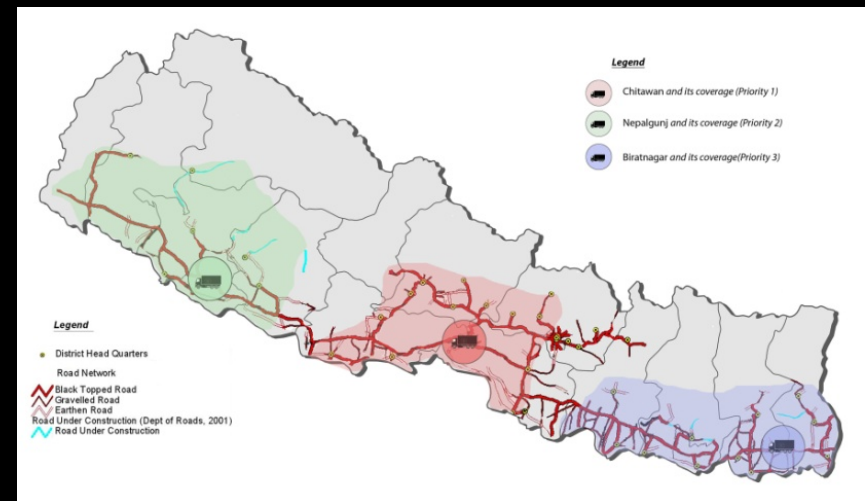
# Image Transfer Project

- Nepal Army is also going to connect its central hospital, 15 regional hospitals and 2 mobile hospitals through PaCentric. This will be implemented soon.
- 3 test centers (2 Kathmandu, 1 Pokhara)
- PaCentric has offered free installation to Ministry of Health and Private Hospitals. They are very positive about this offer. It's in formal process.



# Trailer MRI/CT study

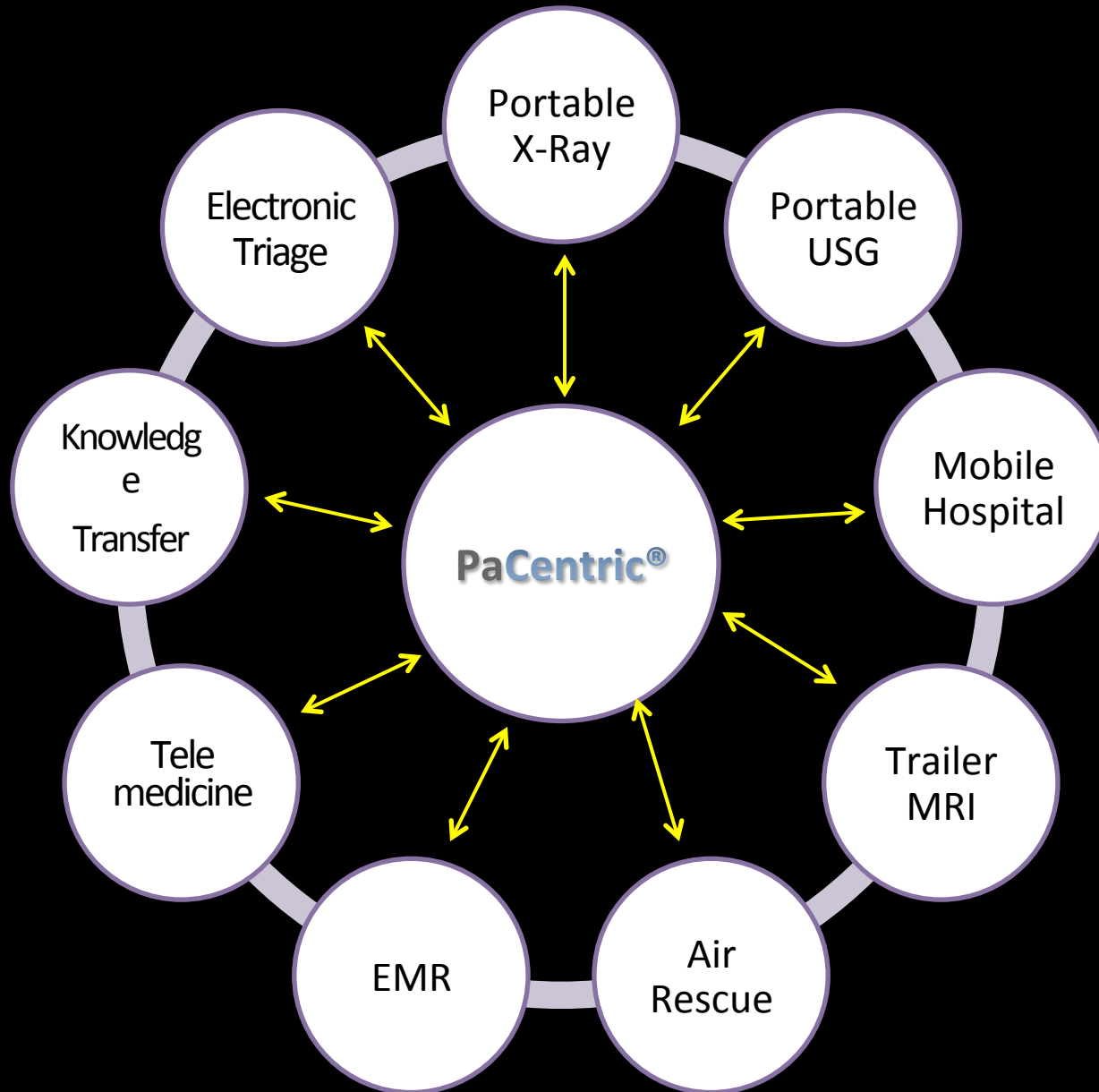
Based on the study conducted, the country like Nepal can have multiple of advantages with the mobilization of Trailer CT/MRI. Three trailer MRI in the three peripheries outside the capital can cover more than 60 % of its geography. The optimal size of the trailer ought to be 38 by 8 feet.



# Requirements expressed by experts/ government officials

- **Director of premiere hospital** : Portable X Ray, Portable USG, Image transfer facility
- **Chief of emergency department** : Telemedicine
- **Orthopaedician** : Electronic Triage, Knowledge Transfer between tertiary centers and periphery
- **President of Nepal Health Research Council** : Mobile Hospital, Field Hospital
- **Official of Ministry of Health** : Well equipped Air ambulance, Integrated emergency care

# Overview of the requirements





Thank you for your patience and  
support

