


Creating a National Liver Transplant Program in Bangladesh


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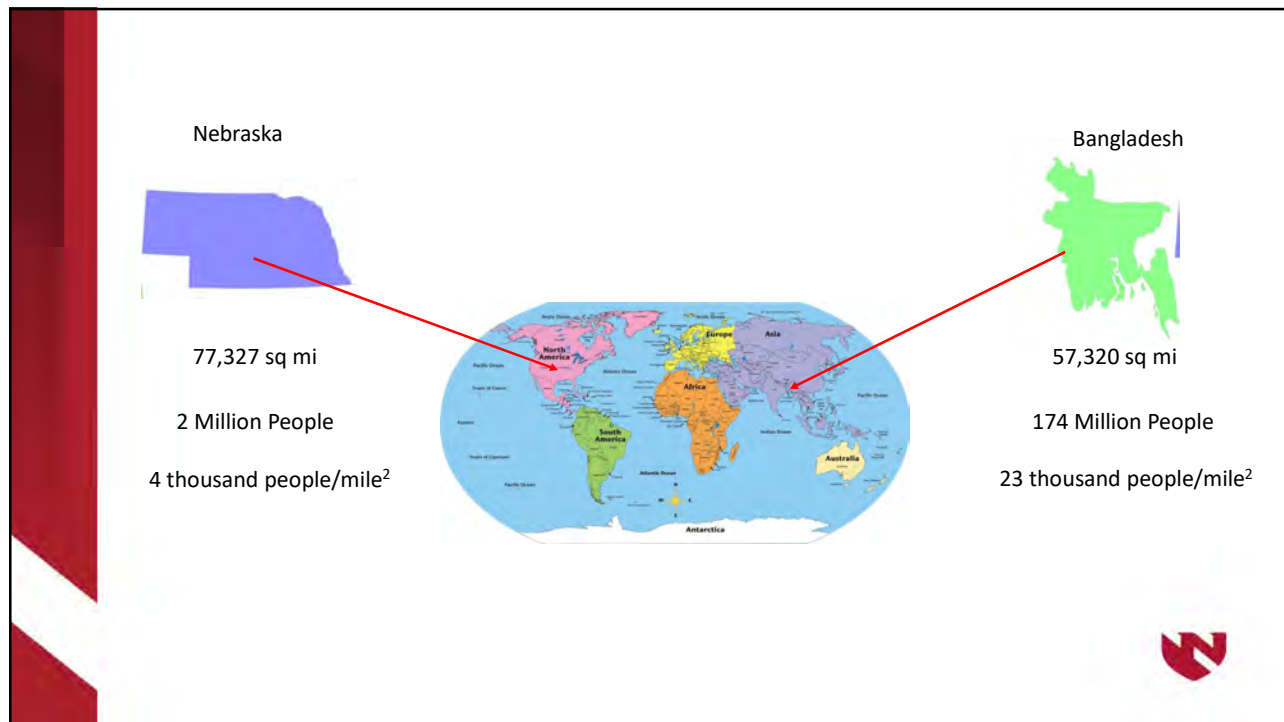
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Objectives

- Current landscape within transplant in Bangladesh
- How is Nebraska Medicine partnering with Bangladesh
- Updates on project
- Future plans for 2024 and beyond



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Liver Disease in Bangladesh

Disease Deaths in Bangladesh reached 21,024 or 2.94% of total deaths.

The Asia-Pacific region is home to more than half of the global population and accounted for 62.6% of global deaths due to liver diseases in 2015.

Chronic hepatitis B virus (HBV) infection caused more than half of the deaths due to cirrhosis in the region, followed by alcohol consumption (20.8%), non-alcoholic fatty liver disease (NAFLD; 12.1%), and chronic infection with hepatitis C virus (HCV; 15.7%)

Despite this, 6 liver transplants were performed in Bangladesh since 2010

[Lancet Gastroenterol Hepatol](#). 2020 Feb; 5(2): 167–228.

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Transplant in Bangladesh

- 1999 – The Human Organ Transplantation Act
- 1982-2017 – Living Related Donor Transplants
 - 1,791 Kidney
 - 6 Liver
 - 25 Bone Marrow

Sheikh Russel Gastro Liver Institute



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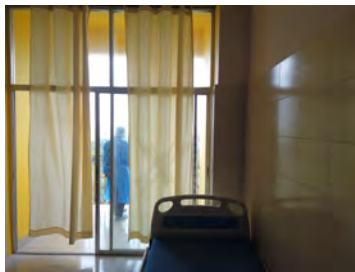
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Partnership



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Infrastructure



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Current State

- Structural and operational standards
- OR design/equipment
- ICU design/equipment
- Patient Wards/Rooms
- Equipment/Technology
 - Electronic Medical Records
 - Sterilization Units
- Physician/Nurse Culture



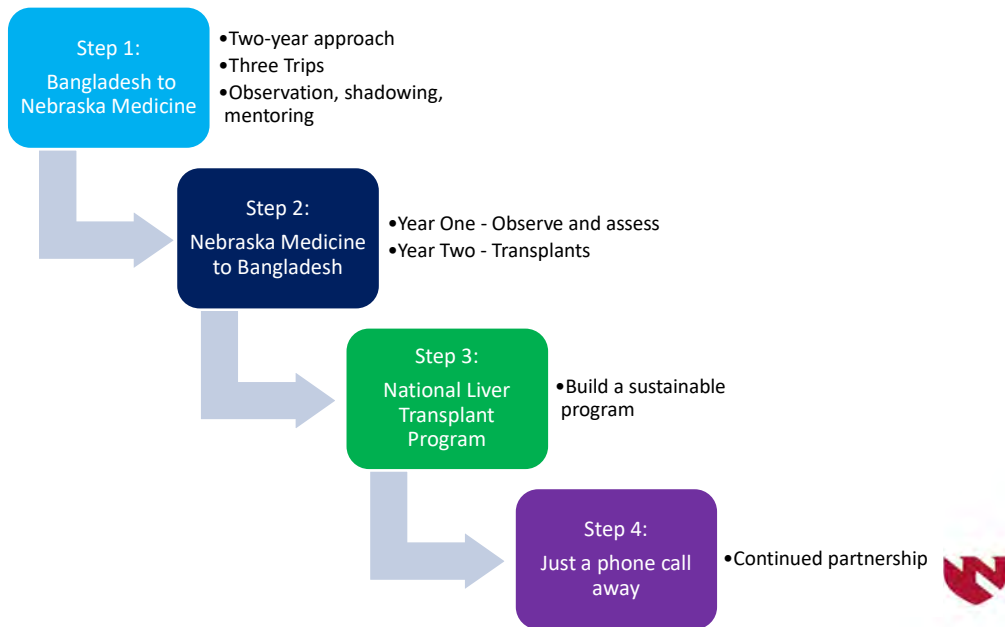
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Nursing in Bangladesh



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Future Plans

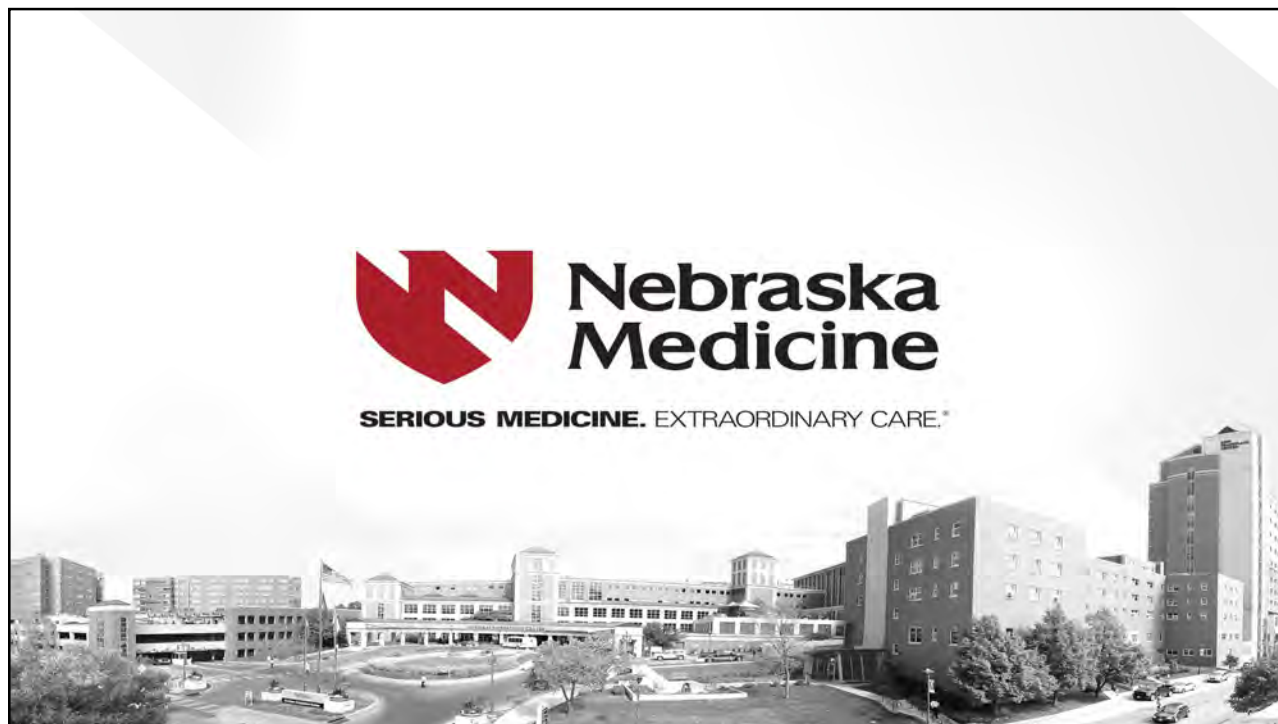


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Resources

- [Organ Donation for Transplantation in Bangladesh : Saudi Journal of Kidney Diseases and Transplantation \(lww.com\)](#)
- [Population of Cities in Bangladesh 2024 \(worldpopulationreview.com\)](#)
- [Radiology and Imaging | Sheikh Russel National GastroLiver Institute & Hospital \(sheikhrusselgastroliver.gov.bd\)](#)
- [Lancet Gastroenterol Hepatol.](#) 2020 Feb; 5(2): 167–228.

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