

THE TELEROBOTIC REVOLUTION

Global access to timely, specialized cardiovascular & stroke treatment:



Geographic & Socioeconomic Barriers

1/2

the world lacks access to essential health services²

1/5

of U.S. residents live beyond 60-minutes of a PCI hospital³



18

MILLION DEATHS PER YEAR from cardiovascular disease, including stroke¹

Shortage of Skilled Specialists



A shortage of up to **61,000** U.S. non-primary care physicians is predicted by 2030⁴

In India, there are only **3-5** interventional cardiologists **PER 1 MILLION PEOPLE**⁵

Short Treatment Window



90 MIN

for STEMI (heart attack)⁶

24 HOURS

for ischemic stroke/large vessel occlusion⁷

For Stroke: Time=Brain



1 MINUTE = 2 MILLION lost neurons

2/3 of stroke survivors suffer from a moderate-to-severe disability⁸

THE TELEROBOTIC INTERVENTION STUDY⁹

WORLD'S 1ST TELEROBOTIC STENTING PROCEDURE

STUDY GOAL

Demonstrate safety and feasibility of remote telerobotic PCI utilizing Corindus' flagship CorPath GRX System with developmental remote technology

CorPath GRX

Precision Vascular Robotics

PROCEDURE DISTANCE

20 MILES (32 KM)

Gandhinagar > Ahemdabad, Gujarat, India

DATE

DECEMBER 4TH & 5TH
2018

LEAD PHYSICIAN

TEJAS PATEL, M.D.

Chairman and Chief Interventional Cardiologist of The Apex Heart Institute



OUTCOME

100% SUCCESS
(5 out of 5 patients)



BENEFITS OF TELEROBOTICS

Telerobotic intervention has the future potential to:

1



A fully operationalized remote network could potentially **enable treatment** of more patients before the care window expires

2



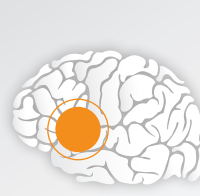
Significantly **reduce** time to treatment*

3



Provide **greater** access to highly skilled specialists*

4



Used for acute stroke interventions in **remote** geographic locations

Join the Telerobotic Revolution. Visit www.corindus.com today.

1. <http://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-cvds>

2. <http://www.who.int/news-room/detail/13-12-2017-world-bank-and-who-half-the-world-lacks-access-to-essential-health-services-100-million-still-pushed-into-extreme-poverty-because-of-health-expenses>

3. Madder, Ryan. The First Remote PCI from 100 Miles Away. In TCT; 2018 September 21-25; San Diego, CA.

4. https://aamc-black.global.ssl.fastly.net/production/media/filer_public/85/d7/85d7b689-f417-4ef0-97fb-ecc129836829/aamc_2018_workforce_projections_update_april_11_2018.pdf

5. Kaul U. The new pricing policy for coronary stents in India: a boon or a bane? EuroIntervention. 2017 June 20.

6. <https://www.cardiosmart.org/Heart-Conditions/Guidelines/Heart-Attack-Guidelines>

7. <https://www.acc.org/latest-in-cardiology/ten-points-to-remember/2018/01/29/12/45/2018-guidelines-for-the-early-management-of-stroke>

8. American Heart Association. Heart Disease and Stroke Statistics 2012 Update At-a-Glance

Remote intervention is for investigational use only and is not cleared by the FDA.

9. Kaul U. The new pricing policy for coronary stents in India: a boon or a bane? EuroIntervention. 2017 June 20.

* Remote telerobotic applications are currently under development; it is not for sale in the USA, its future availability can not be guaranteed.