

NeuroDiagnostic Institute Update: *January 2018*



NDI at a Glance

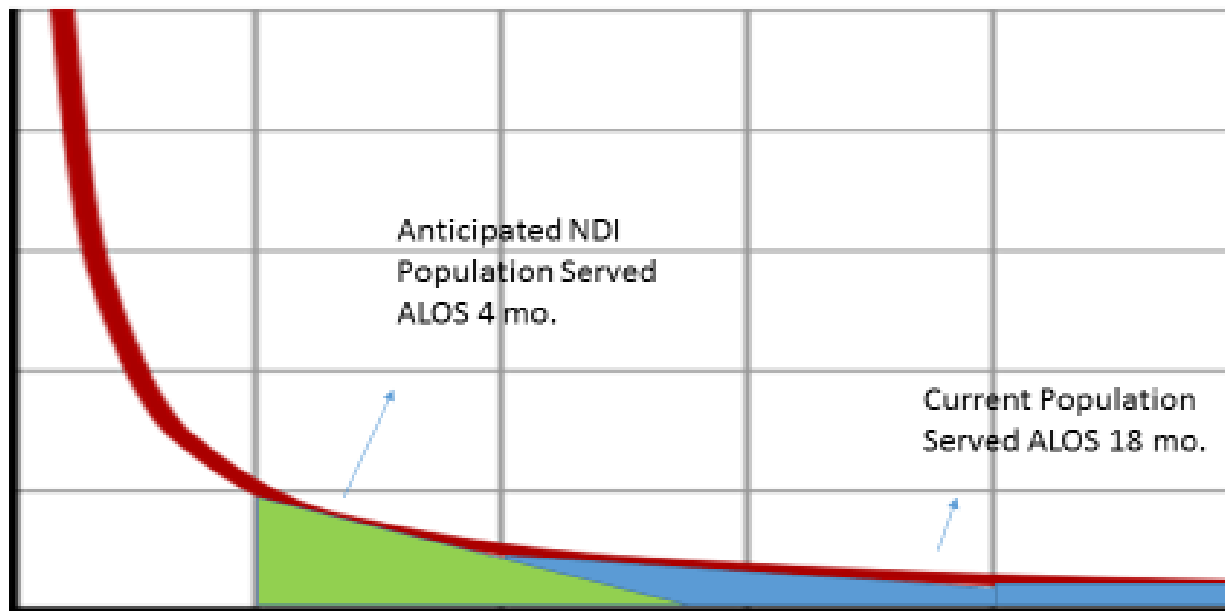


- 159 beds: 65 dedicated to children and adolescents; 94 to the adult population
- Intermediate Length of stay between 4 and 6 months.
- Over 1000 admission/year
- Three units operated by others in public/private partnership
- Shared Services
 - Food service
 - Security/grounds keeping
 - Parking
 - Professional services

Why I think we can decrease ALOS for NDI



Visual representation of new ISPHN population



Timeline



- Executive Team in place by April 2018
- Carter long-term patient transfers during 2018
- Building construction complete 12/31/2018
- Commissioning and equipping NDI January 2019
- Cerner Millennium go-live 2/1/2019
- Staff building training starting 2/1/2019
- Carter to NDI patient transition March 2019
- NDI starts accepting admissions immediately thereafter.

Proposed NDI Floor Map



- 7 West: **10 bed Adol. Autism** 7 East: Adult PICU
- 6 West: Treatment Mall 6 East: General Adult
- 5 West: **Adult SUD (CHE)** 5 East: **(CHE) Acute**
- 4 West: **Adol. SUD** 4 East: General Adult
- 3 Northwest: Adol. F. 3 SW: Child 3 East Adol. M
- 2 Northwest: Neuro-Cognitive 2 East: Psych/Med
- 1 West: Admiss/Clinic/Admin 1 East: Pharmacy/Conf.
- B West: Mech/Storage B East: MedRec/Train/Storage
- **Bold indicates potentially new programming**

Impact on Throughput at 95% occupancy



• Unit	Potential Admissions/Year
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• 7W	114
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• 7E, 6E, 5W, 5E	177
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• 4W	49
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• 4E	692
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• 3NW, 3SW, 3E	80
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• 2NW	57
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• 2E	<u>46</u>
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• Total	1,295
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original projection,
goal of 1500/year.

only about 200 short of
or 86% of

Fourth Floor West Dayroom



Lobby rendering looking east and then west



Option 1 – Curved Wall – Painted



Option 1 – Water Imagery

Elevation from NE on 16th



Northwest Elevation, dawn





Planned Modalities

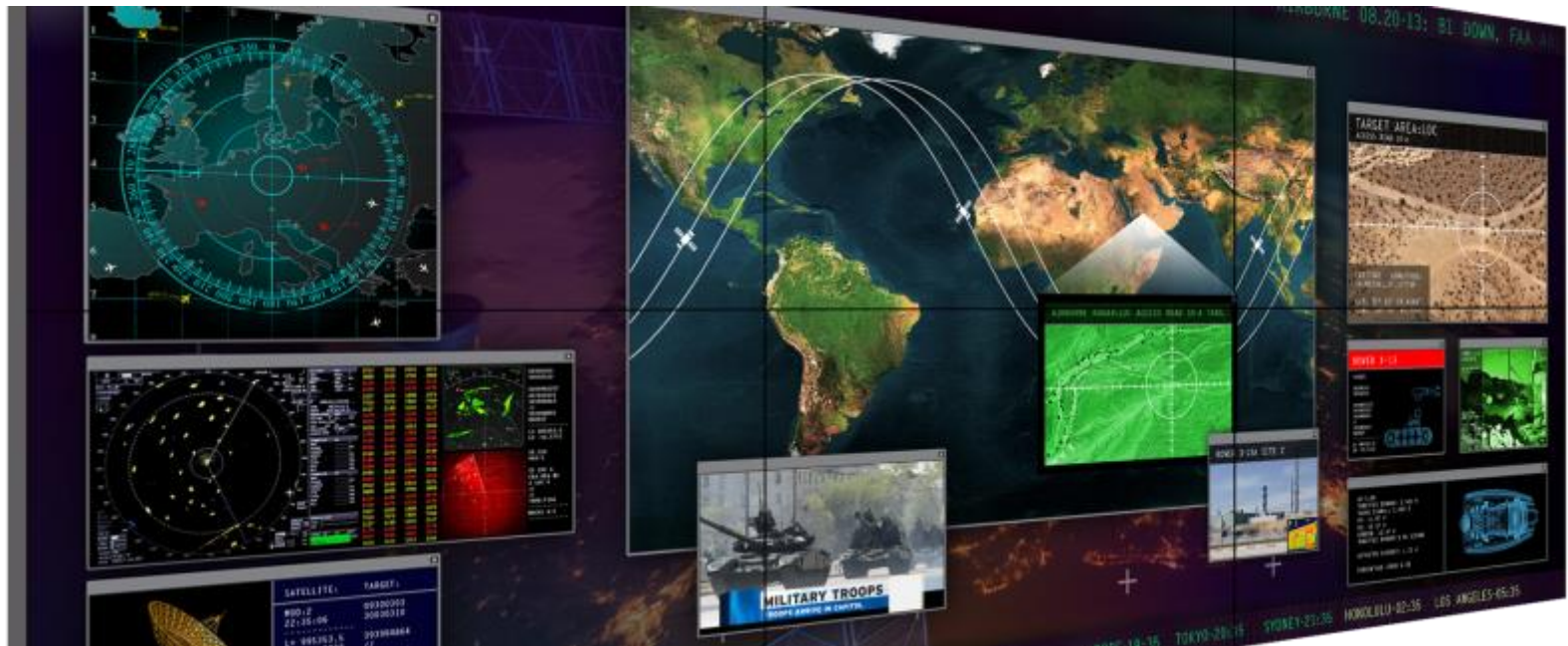
- ECT and rTMS
- Diagnostic EEG and electrical brain mapping
- Sleep Lab
- Infusion room
- Imaging in collaboration with CHE
- Virtual Reality Room
- Physical Therapy
- Tele-psychiatry

Technologies



- Card Access role based security
- Vocera staff communication devices
- 300 monitoring cameras, some with audio recording capability
- Wireless Network throughout with video conferencing on all units
- Nihon Kohden patient monitoring system in ATC and units
- Nihon Kohden EEG and Sleep Lab technology
- Cerner Millennium EHR
- Virtual Reality equipment

Tech Wall, NDI ATC



Potential Education and Training Collaborations



- Community Hospitals psychiatric residency and medical student programs
- IU psychiatric residency program
- Marian University osteopathic medical school students and nursing
- IU nursing, social work, psychology programs
- University of Indianapolis Psychology Internship.
- Ivy Tech nursing program
- Other?

It really does exist!

