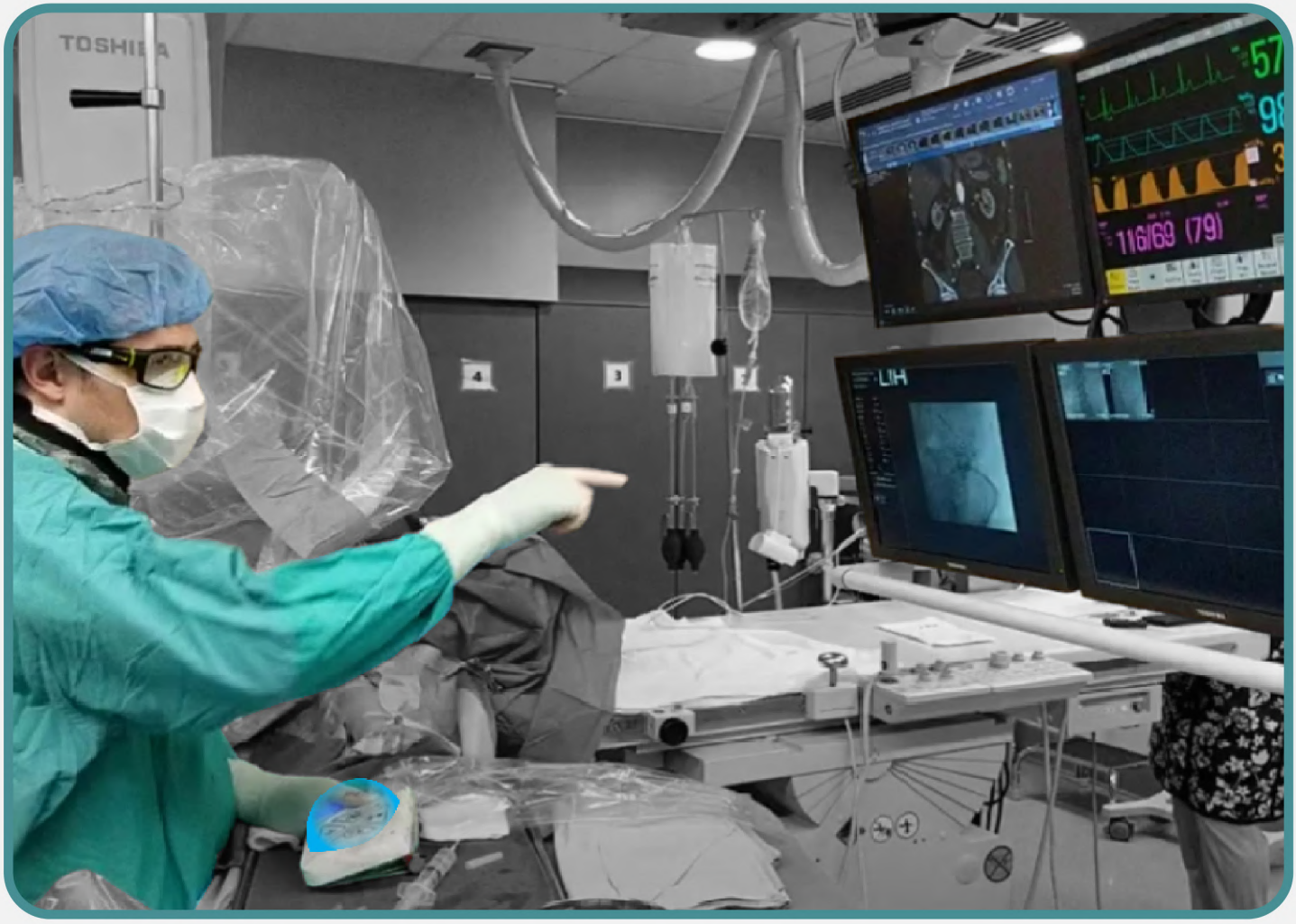
NZ technologies inc.
Taking touchless to a new dimension

TIPSO™ AirPad®



TIPSO AirPad®

Image Guided Therapeutics

Contact Info
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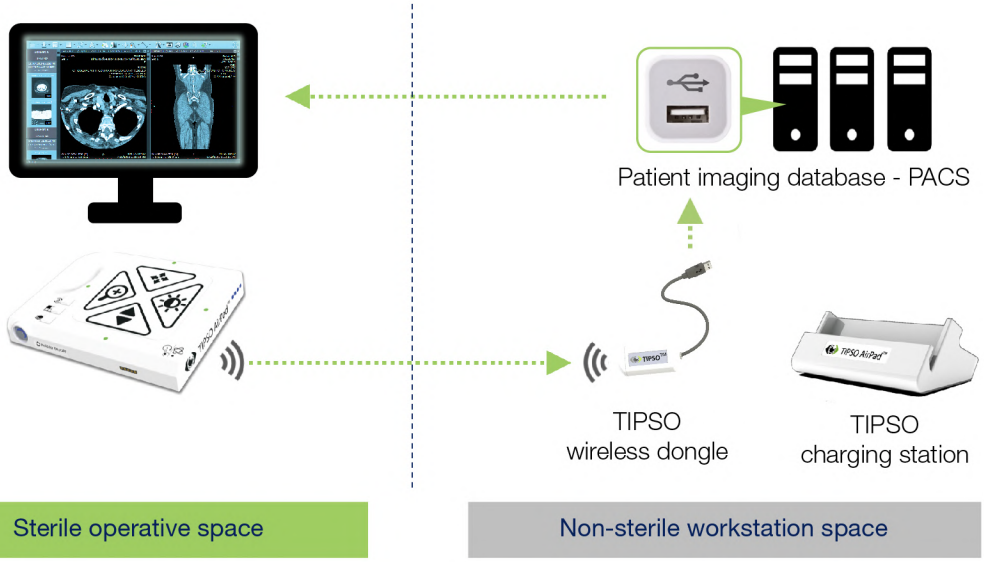
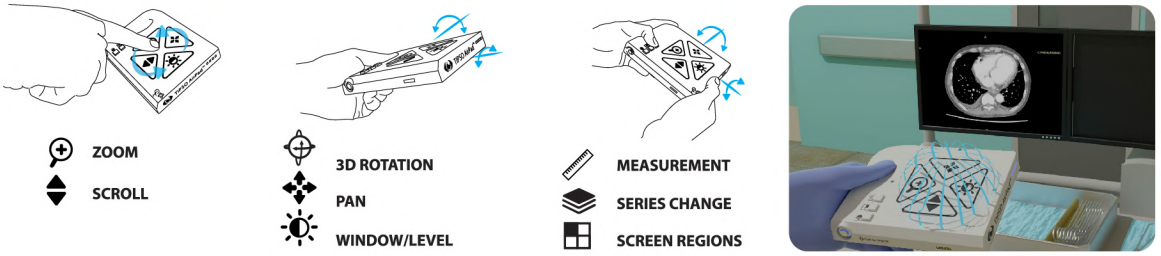
Vancouver, BC V6H 1H6

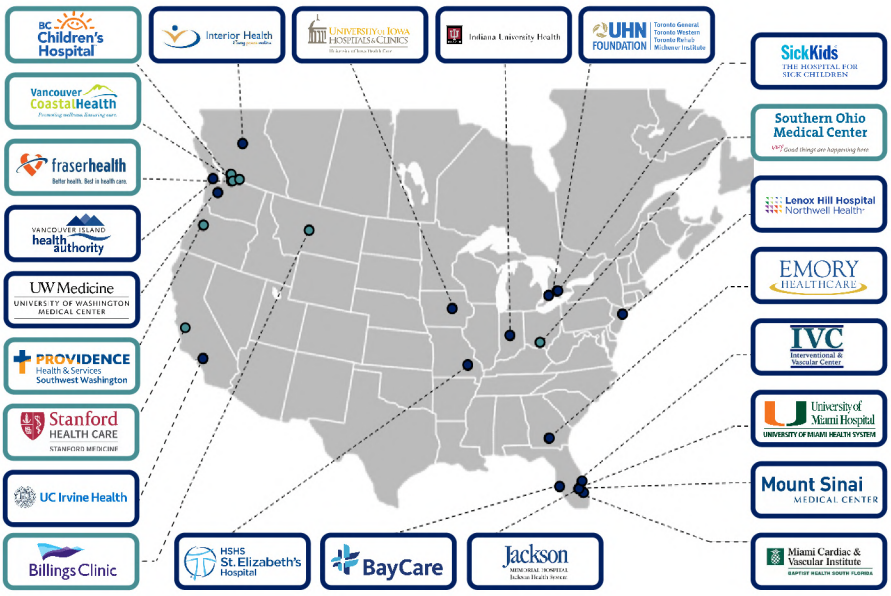
Set Up Plug and Play (wireless connection)



Functionality Touchless sensing



Clinical Sites and Customers



Legend

Angio Suite

- Interventional Radiology
- CT-guided Procedures
- Interventional Cardiology
- Neurointerventions

Operating Room

- Carniomaxillofacial and Plastic
- Cardiothoracic Surgery
- Ortoapedic Trauma
- Neurosurgery
- Vascular Surgery
- HPB Surgery

Published in:

VDM Vascular Disease Management | CIRSE | Minimally Invasive Therapy & Allied Technologies

Studies:

Vancouver CoastalHealth — Promoting wellness. Ensuring care.
"Procedural improvement in interventional oncology"

fraserhealth — Better health. Best in health care.
"Procedural improvement in interventional radiology"

Mount Sinai MEDICAL CENTER
"Integration of TIPSO in endovascular procedures"

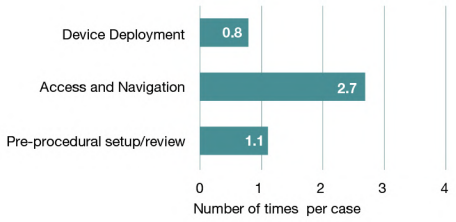
Miami Cardiac & Vascular Institute — BAPTIST HEALTH SOUTH FLORIDA
"Early clinical validation of the TIPSO platform"

UHN FOUNDATION — Toronto General, Toronto Western, Toronto Rehab, Michener Institute
"Improvement of workflow in neurovascular interventions"

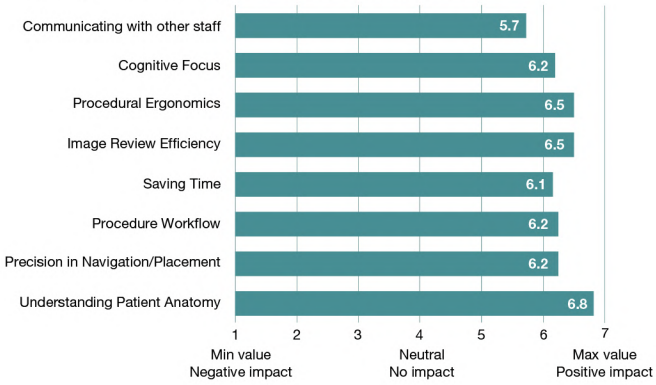
Interior Health — Every person matters
"Procedural improvement in vascular and non-vascular interventions"

Benefits to Workflow and Hospitals at Large

For what purpose was TIPSO used?



How did TIPSO Impact the Procedure?



FDA | Health Canada (Health Canada / Santé Canada, www.hc-sc.gc.ca) | CE Mark | EU-MDR | Pmda JAPAN | KC | Ministry of Food and Drug Safety | SA UL

How do we compare to others?

PHILIPS SIEMENS GESTSURE ultraleap

TOUCHSCREENS

JOYSTICKS

(NON-STERILE, MUST BE DRAPED)

- NON-INTUITIVE
- USER EXPERIENCE SUFFERS DUE TO DRAPE

KINECT

- TIRESOME ARM MOVEMENTS
- MEMORIZING GESTURES

TABLE SURFACE SENSOR

- REQUIRES TO LEAVE THE BEDSIDE
- TIRESOME ARM MOVEMENTS
- MEMORIZING GESTURES

NZ technologies inc.
Taking touchless to a new dimension

TOUCH-FREE INTERFACE

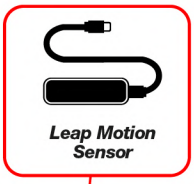
- FOR USE IN THE OPERATING ROOM
- PLUG AND PLAY
- EASY INTEGRATION

(STERILE + DRAPE FRIENDLY)

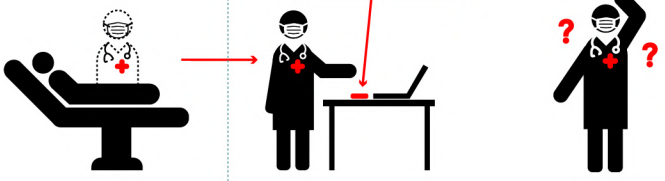
More about Leap Motion vs TIPSO AirPad®

LEAP MOTION

PHYSICIAN MUST LEAVE THE BED TO USE THE SENSOR



MEMORIZING GESTURE TO USE DURING STRESSFUL PROCEDURES



Sterile operative space | Non-sterile workstation space

TIPSO™

NO NEED TO LEAVE THE PATIENT'S BEDSIDE

TIPSO AirPad®

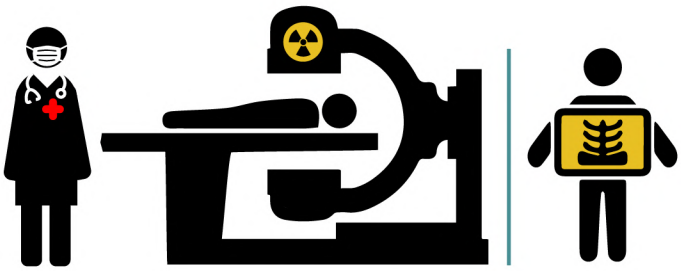
DRAPE FRIENDLY, STERILE

INTUITIVE GESTURES

Sterile operative space

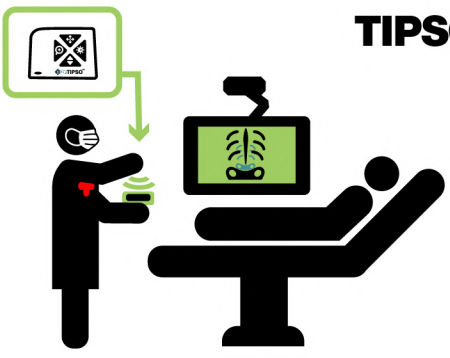
Reducing Radiation in the Operating Room with TIPSO AirPad®

Current Practice



- TO AVOID SCRUBBING OUT, THE PRACTITIONER TAKES A NEW SCAN

TIPSO



- THE PRACTITIONER NAVIGATES PRE-EXISTING IMAGES RIGHT FROM THE BEDSIDE
- NO SCANS NEEDED