2-2021

Capturing Initial Understanding and Impressions of Surgical Therapy for Parkinson's Disease to Enhance Patient Education

Samantha Katz

Julie Barbera

Chengyuan Wu

Tsao-Wei Liang

Capturing Initial Understanding and Impressions of Surgical Therapy for Parkinson's Disease to Enhance Patient Education

Jefferson
Philadelphia University +
Thomas Jefferson University
HOME OF SIDNEY KIMMEL MEDICAL COLLEGE

The Problem

Deep Brain Stimulation (DBS) is underused

Our Objective

- better understand DBS hesitancy
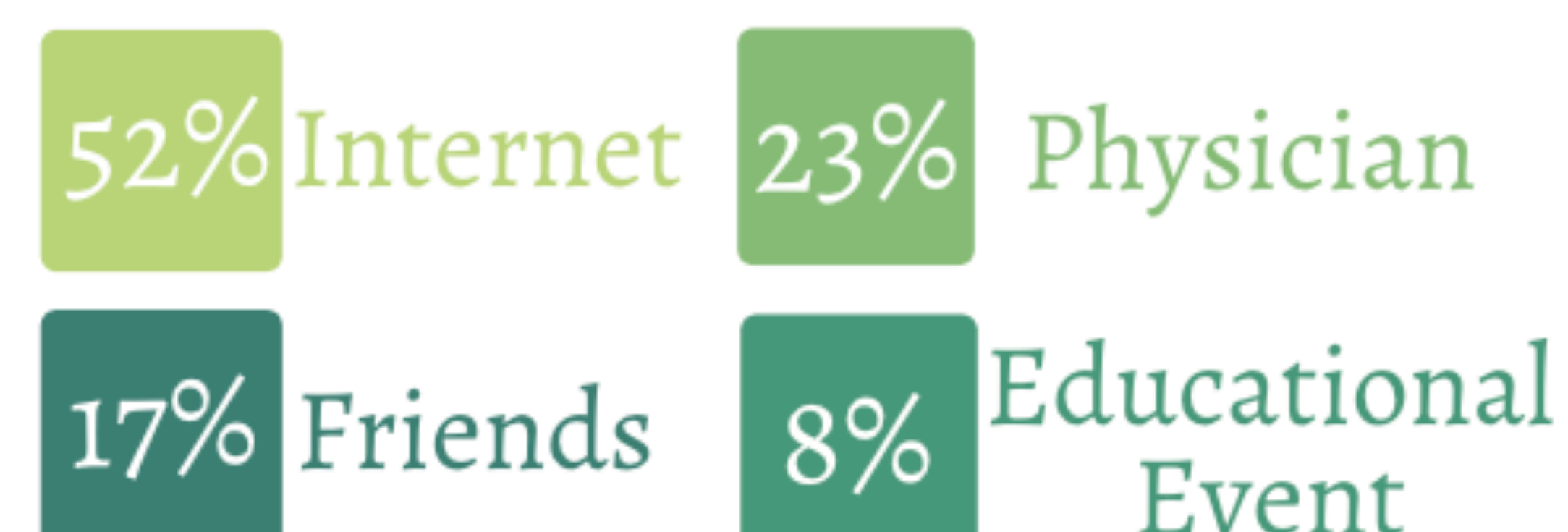- pinpoint specific patient concerns and fears

Methods and Study Population

- 30 Question Survey assessing impression and knowledge of DBS procedure

- 102 Parkinsons Patients
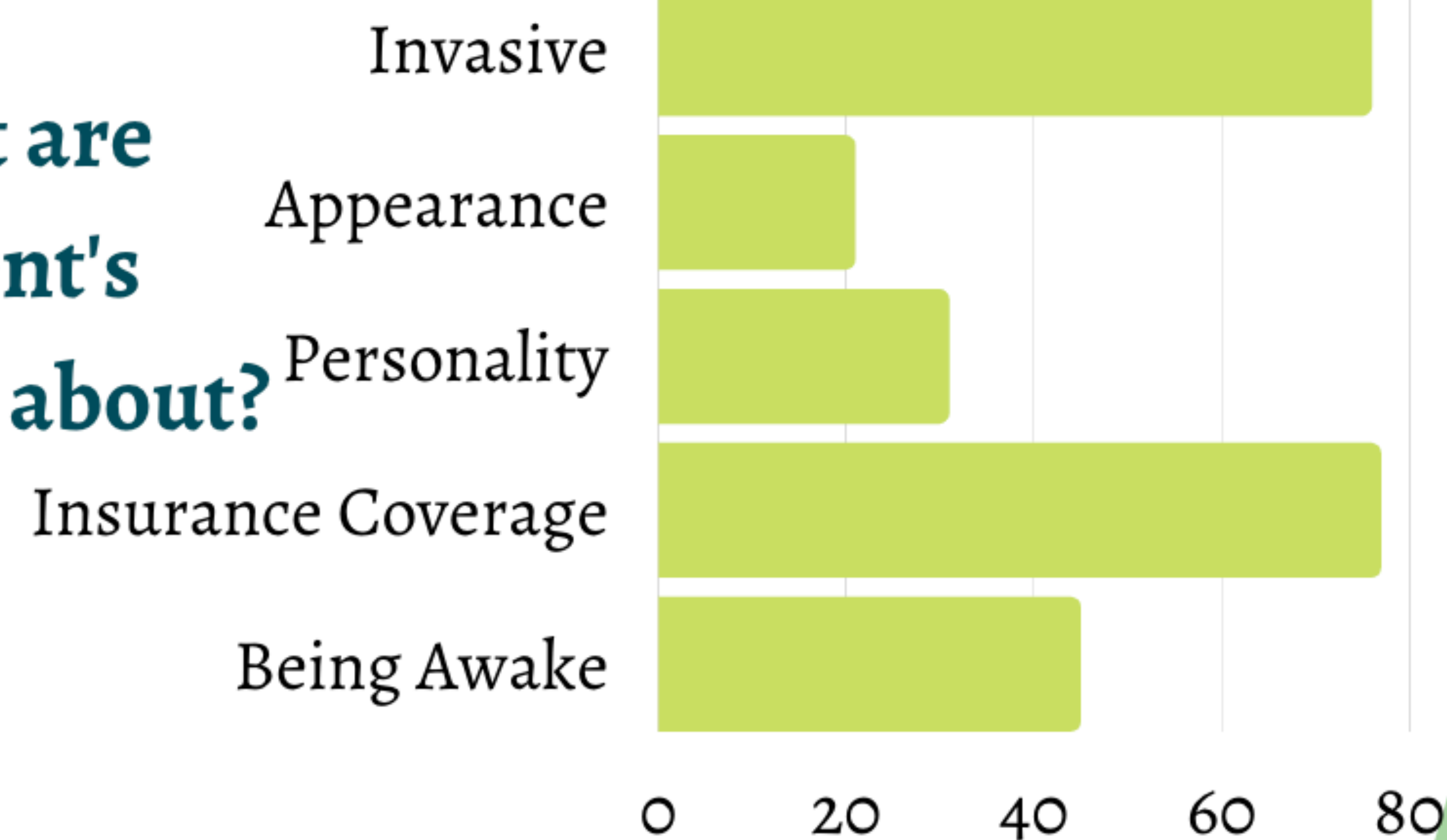- Urban Movement Disorders Clinic

Key Findings

Where do patient's learn about DBS?

52% Internet   23% Physician

17% Friends   8% Educational Event

DBS should only be used as a last resort?

62% Yes   48% No

What are patient's nervous about?

Invasive
Appearance
Personality
Insurance Coverage
Being Awake

0   20   40   60   80

Conclusions

These findings provide us with insight regarding patient hesitancy, helping inform clinicians patient's direct concerns. Further, we can bridge gaps in patient education and improve educational materials moving forward.

Samantha Katz, Julie Barbera (CTR Track)**, Chengyuan Wu, Tsao-Wei Liang*