

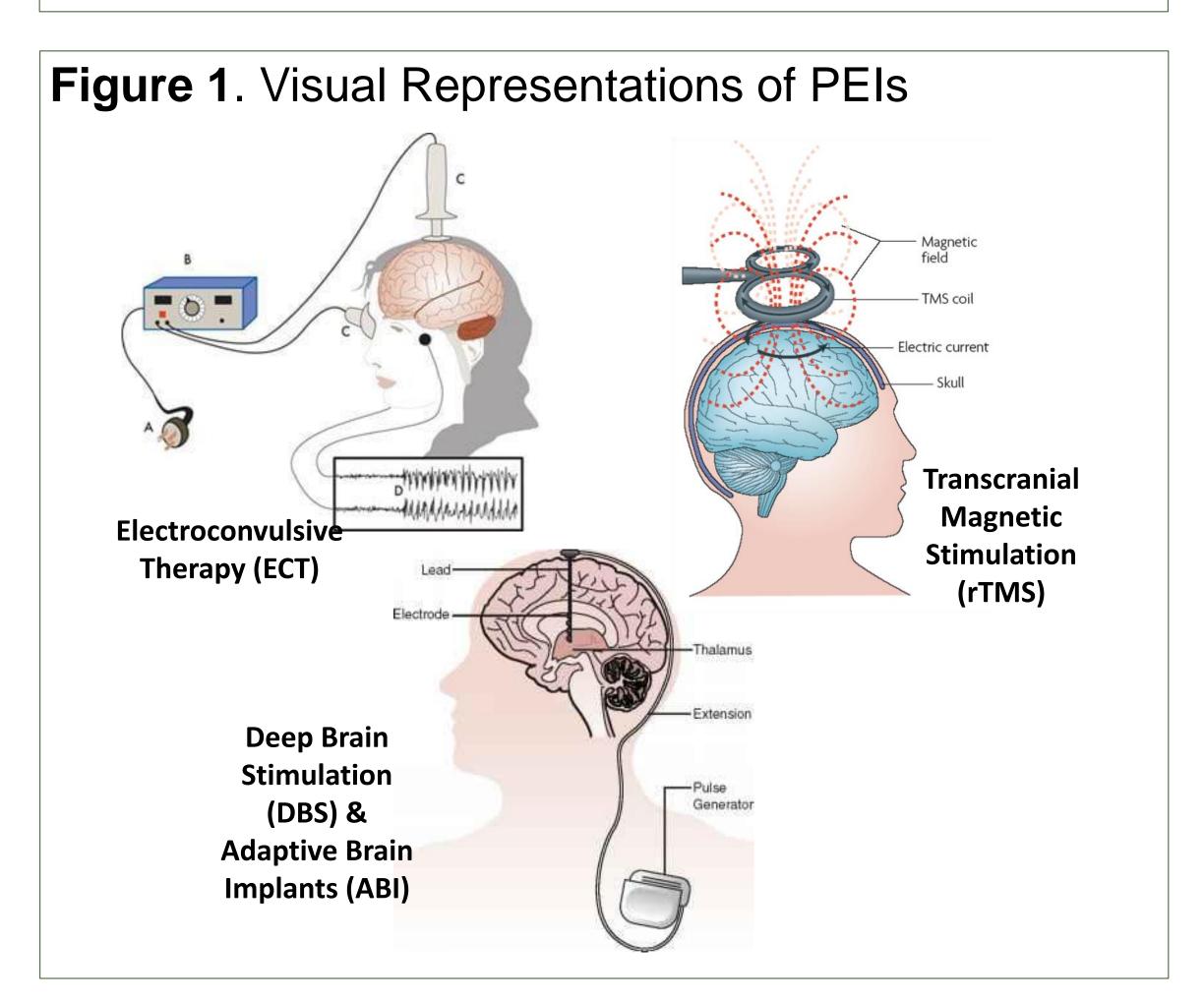


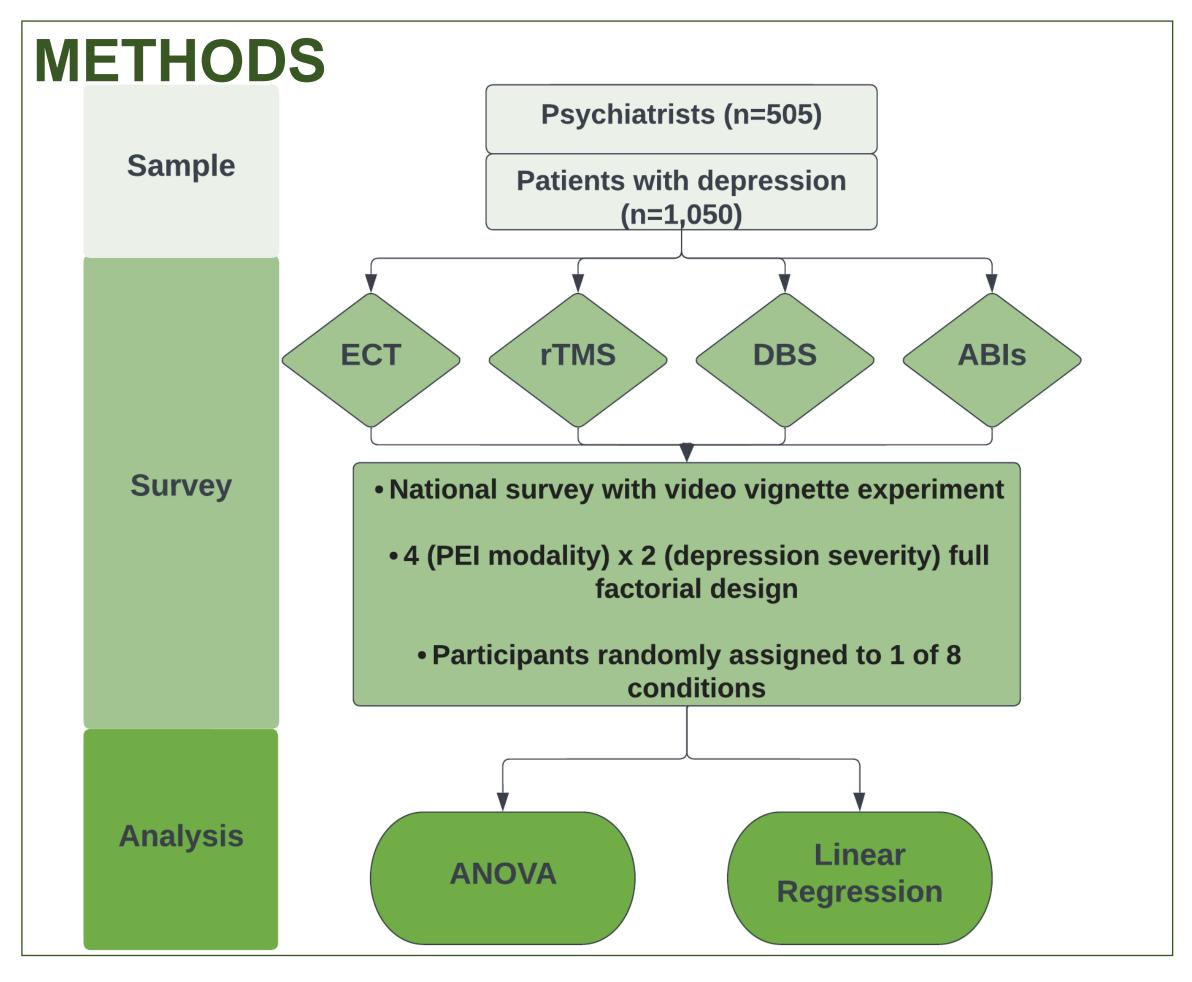
BACKGROUND

- Patients' attitudes toward ECT become more positive after receiving treatment with ECT [1,2].
- Psychiatrists' positive attitudes toward ECT [3,4] are not influenced consistently by prior experience with or knowledge of ECT [3,5].
- Prior experience & familiarity may shape depressed patients' & psychiatrists' views about psychiatric electroceutical interventions (PEIs).

OBJECTIVES

- > Examine the level of experience that depressed patients & psychiatrists have with PEIs
- > Examine how PEI experience & familiarity shape depressed patients' & psychiatrists' PEI views





The Differential Effects of Psychiatrists' & Patients' Prior Experiences on **Views about Psychiatric Electroceutical Interventions**

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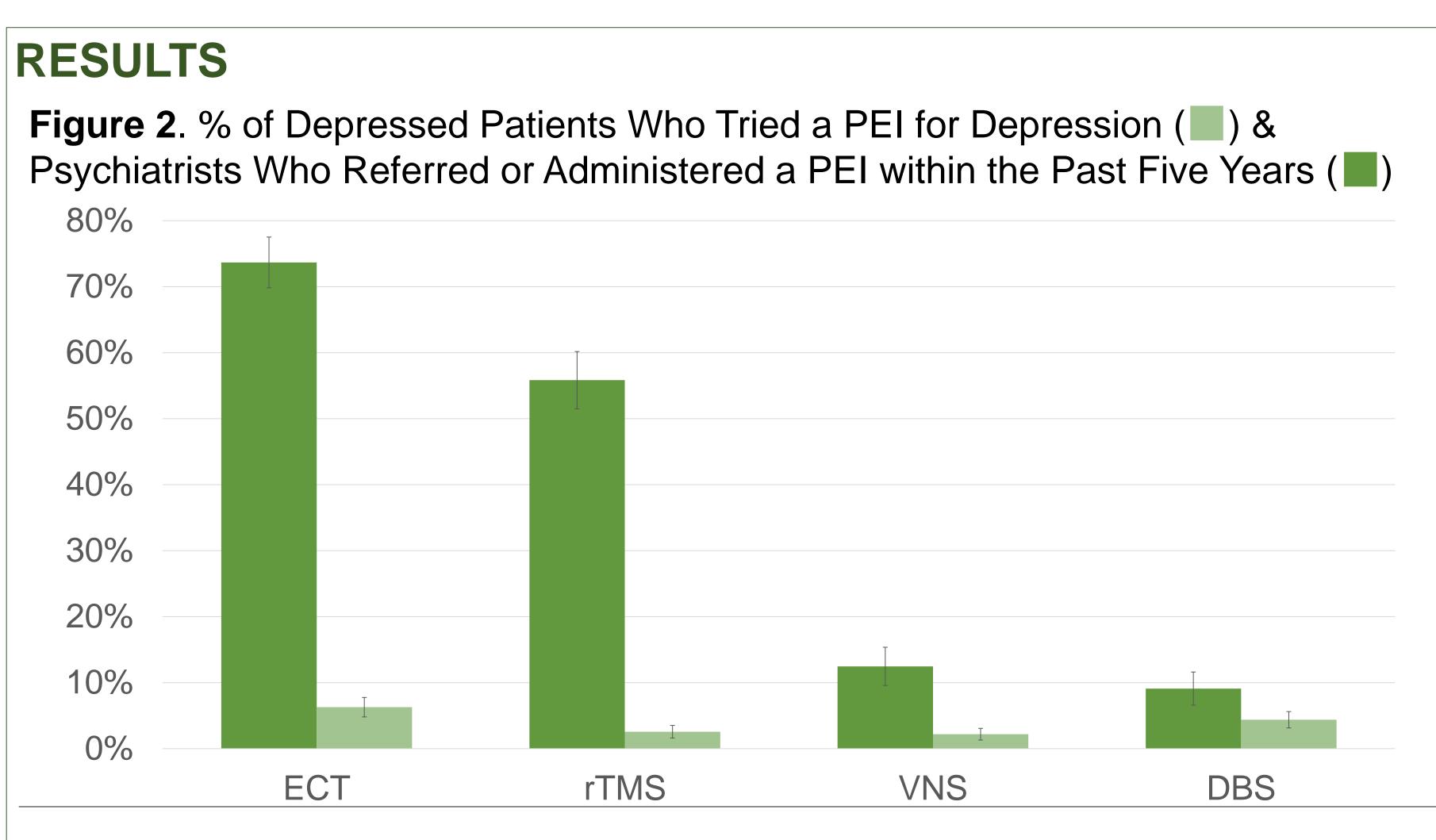


Table 1. Selected Standardized Coefficients from Multiple OLS Regression Models Explaining PEI Views among 1,050 Depressed Patients

	Affect toward PEI	Perceived Influence of PEI	Perceived Benefit of PEI	Perceived Risk of PEI	Perceived Invasiveness of PEI
has tried any PEI	.12*	.05	.01	.10*	.04
rTMS (ref: ECT)	.20*	.12*	.14*	15*	07
DBS (ref: ECT)	.03	.08*	.11*	.02	.05
ABI (ref: ECT)	.06	.14*	.12*	.02	.04
severe TRD (ref: moderate)	.04	.06*	.06*	03	.02

Notes: These models also control for trust in the medico-scientific establishment, prior awareness of participant's assigned PEI, perceived bad daily life with TRD, and six sociodemographic characteristics. * p<0.05

Table 2. Selected Standardized Coefficients from Multiple OLS Regression Models Explaining PEI Views among 496 Psychiatrists

	Affect toward PEI	Perceived Influence of PEI	Perceived Benefit of PEI	Perceived Risk of PEI	Perceived Invasiveness of PEI
has referred or administered any PEI	.16*	.15*	.10*	05	08
rTMS (ref: ECT)	.07	08	07	28*	04
DBS (ref: ECT)	36*	19*	12*	.13*	.19*
ABI (ref: ECT)	40*	27*	10	.29*	.31*
severe TRD (ref: moderate)	.04	.03	03	06	00

Notes: These models also control for perceived bad daily life with TRD, seven professional characteristics, and six socio-demographic characteristics. * p<0.05

RESULTS (cont.)

- before the survey (Figure 2).
- from—their assigned PEI (Table 1).
- about their assigned PEI: ✤ Affect;

 - Perceived benefit (Table 2).

CONCLUSION

- PEIs in complex ways.

FUTURE DIRECTIONS

- patients' & psychiatrists' PEI views
- affect clinical decision-making.

ACKNOWLEDGEMENTS

time & insightful responses.

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Few depressed patients had firsthand experience with any PEI

> Psychiatrists had more experience referring or administering ECT & rTMS than VNS & DBS (Figure 2).

> Among patients, having experience with any PEI is associated with more positive affect toward—& greater perceived risk

> Among psychiatrists, the number of PEIs previously referred or administered was associated positively with the following views

Perceived positive influence on self; &

Among both depressed patients & psychiatrists, greater prior experience with PEIs elicits more positive affect.

Beyond this, our survey data shows that prior experience with PEIs shapes depressed patients' & psychiatrists' views about

Future survey & interview research should continue investigating how prior experiences may differentially influence

Future research should further examine how such influence may

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