Substitutability of cigarettes for salt- and free-base ENDS devices in young adult ENDS users

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TCORS 2.0

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[CAsToR]

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Background

- Use of e-cigarettes has exploded since their inception.
- Questions remain about transitions from ecigarette use to cigarette use, especially among young people.
- This study uses an experimental paradigm to evaluate likelihood of switching.

Methods - Eligibility Criteria



• Using ENDS device four or more days per week

Age

• 18 – 28

Haven't been a regular smoker in their lifetime

- Using cigarettes at least four days per week for at least a 3-month period
- Use of other tobacco products not exclusionary



\$6.46

Hyde E-Cigarette Minty Os Mg of Nicotine



Update Cart

Product Description



chemical.

\$4.99

On! Nicotine Pouch Original 160 mg Nicotine



Update Cart

Product Description



\$5.77

IQOS Heated Tobacco 25.8 mg Nicotine



Update Cart

Product Description



\$10.86

Marlboro Cigarette Tobacco 35 mg Nicotine



Update Cart

Product Description



\$13.65

Nicorette Nicotine Pouch Cinnam 80 mg Nicotine

Update Cart



Product Description



\$0.99

Swisher Sweets Cigarillo Original 2.8 mg Nicotine



Update Cart

Product Description



\$4.99

On! Nicotine Pouch Berry 160 mg Nicotine



Update Cart

Product Description



\$4.99

On! Nicotine Pouch Mint 160 mg Nicotine



Update Cart

Product Description



\$5.77

IQOS Heated Smooth Menthol 23.8 mg Nicotine





Update Cart

Product Description



\$10.86

Newport Cigarette Menthol 35 mg Nicotine



Update Cart

Product Description



\$13.65

Nicorette Gum White Ice 80 mg Nicotine



Update Cart

Product Description



\$0.99

Swisher Sweets Cigarillo Tropical 2.8 mg Nicotine



Product Description

Account Limit \$15.00 Cart Total \$12.92

Items in Cart:

Product	Quantity	Price	Cost
Hyde E-Cigarette Minty Os - Mg of Nicotine	2	\$6.46	\$12.92

Prices: \$1.61, \$3.23, \$6.46, \$12.92, \$25.84

Participant Characteristics (n=9)

Device Used

Air Factory Blue Razz

Cotton Carnival

JUUL Menthol

Riot Salt Tropical Fury

Hyde Cola Ice

JUUL Tobacco

Hyde Coca Cola

Hyde Minty O's

Hyde – Honey Dew

Demographic Characteristics
55.6 % male
77.8 % heterosexual
88.9 % White
100% completed at least some college
100% salt-base users

88.9% use ENDS every day

Age range: 19 - 25

22.2% said they would try a cigarette soon

Measures of Nicotine Dependence

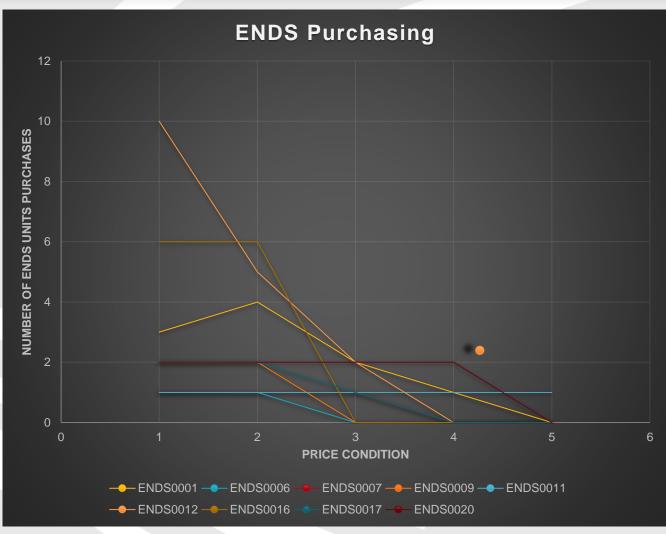
Penn State Electronic Cigarette Dependence Index – range= 7 – 15; mean = 11.22

Fagerstrom Test for Nicotine Dependence – range = 1 - 7; mean = 4.56

E-cigarette Addiction Severity Index – range = 40 – 100; mean = 76

ETM Results (n = 9)





Conclusions

- Results should be interpreted cautiously given the small sample size.
- No participant chose to purchase cigarettes at any ENDS price.
- The ETM can measure e-cigarette purchasing among users of the product.

