

## Supplementary Online Content

Peterson AM, Kallogjeri D, Spitznagel E, Chakinala MM, Scheider JS, Piccirillo JF. Development and validation of the Nasal Outcome Score for Epistaxis in Hereditary Hemorrhagic Telangiectasia (NOSE HHT). *JAMA Otolaryngol Head Neck Surg*. Published online October 1, 2020. doi:10.1001/jamaoto.2020.3040

**eTable 1.** Principal Components Factor Analysis Loading of NOSE HHT Items

**eTable 2.** Pearson Correlation of SF-36 and NOSE HHT Scores

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1**

**Principal Components Factor Analysis Loading of NOSE HHT Items**

<b>Instrument Item</b>	<b>Factor 1 – Functional Limitations</b>	<b>Factor 2 – Emotional Consequences</b>	<b>Factor 3 – Physical Problems</b>	<b>Uniqueness Value</b>
<b>Physical Problems</b>				
Blood running down back of your throat			0.496	0.525
Blocked up/stuffy nose			0.904	0.339
Nasal crusting			0.679	0.516
Fatigue	0.533			0.466
Shortness of breath	0.481		0.364	0.480
Decreased sense of smell/taste			0.608	0.623
<b>Functional Limitations</b>				
Blow your nose		0.314		0.555
Bend over/pick something up off the ground	0.413			0.482
Breathe through your nose			0.765	0.363
Exercise	0.726			0.305
Work at your job (or school)	0.641			0.365
Stay asleep	0.487			0.493
Enjoy time with family/friends	0.613			0.317
Eat certain foods (e.g. spicy)	0.563			0.651
Have intimacy with spouse or significant other	0.521			0.533
Travel (e.g. by plane)	0.669			0.465
Fall asleep	0.525			0.532
Clean your house/apartment	0.917			0.318
Go outdoors regardless of the weather/season	0.744			0.423
Cook/prepare meal	0.914			0.350
<b>Emotional Consequences</b>				
Fear of nosebleeds in public		0.916		0.270
Fear of not knowing when your next nosebleed will be		0.834		0.300
Getting blood on your clothes		0.580		0.513
Fear of not being able to stop a nosebleed		0.721		0.360
Embarrassment		0.836		0.338
Frustration/restlessness/irritability	0.410	0.529		0.381
Reduced concentration	0.461	0.454		0.381
Sadness	0.387	0.558		0.392
The need to buy new clothes	0.357			0.607

<b>eTable 2</b>								
<b>Pearson Correlation of SF-36 and NOSE HHT Scores</b>								
<b>NOSE HHT Outcome Measure</b>	<b>PF</b>	<b>RP</b>	<b>RE</b>	<b>EF</b>	<b>EWB</b>	<b>SF</b>	<b>BP</b>	<b>GH</b>
<b>Physical Problems</b>	-0.50	-0.54	-0.38	-0.48	-0.35	-0.53	-0.42	-0.53
<b>Functional Limitations</b>	-0.61	-0.65	-0.47	-0.50	-0.45	-0.67	-0.51	-0.57
<b>Emotional Consequences</b>	-0.50	-0.53	-0.45	-0.49	-0.51	-0.63	-0.38	-0.51
<b>Total NOSE HHT Score</b>	-0.61	-0.64	-0.49	-0.54	-0.50	-0.69	-0.49	-0.59
<b>PF = physical functioning, RP = role limitations due to physical health, RE = role limitations due to emotional problems, EF = energy/fatigue, EWB = emotional well-being, SF = social functioning, BP = bodily pain, GH = general health</b>								