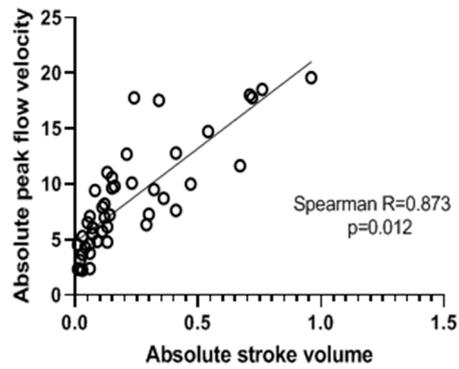


**Supplementary Figure S1.** Significant correlations among clinical and imaging parameters before Bonferroni correction. Significant positive correlations between iNPH Grading Scale with age of patients (spearman R=0.446, p=0.02), duration of symptoms (spearman R=0.452, p=0.02), and “periventricular hyperintensity” sub-score in brain MRI (spearman R=0.329, p=0.027), and a significant negative correlation between iNPH Grading Scale and absolute peak flow velocity (spearman R= -0.397, p=0.007). Percentile improvement in FAB score following TAP test had a significant positive correlation with Temporal Horns score (spearman R=0.348, p=0.022). Percentile improvement in 5-words delayed score during TAP test had a negative significant correlation with “Sylvian fissures” sub-score (spearman R= -0.349, p=0.022). Absolute stroke volume had negative significant correlation with the duration of the disease (spearman R= -0,307, p=0.045) and the “Sylvian fissures” sub-score (spearman R= -0,354, p=0.017).



**Supplementary Figure S2.** Significant positive correlation of absolute stroke volume with absolute peak flow velocity of CSF.

**Supplementary Table S1.** Median percentile improvement of the parameters used on the implemented criteria for positive Tap test responder status, among responders and non-responders.

Parameter	Median percentile improvement during Tap test	
	Tap test responders	Tap test non-responders
MMSE	8%	3.5%
FAB	16.6%	6.8%
10-meter timed walk test: steps	17.2%	1.5%
10-meter timed walk test: time	18.1%	5.7%

MMSE: MiniMental State Examination, FAB: Frontal Assessment Battery