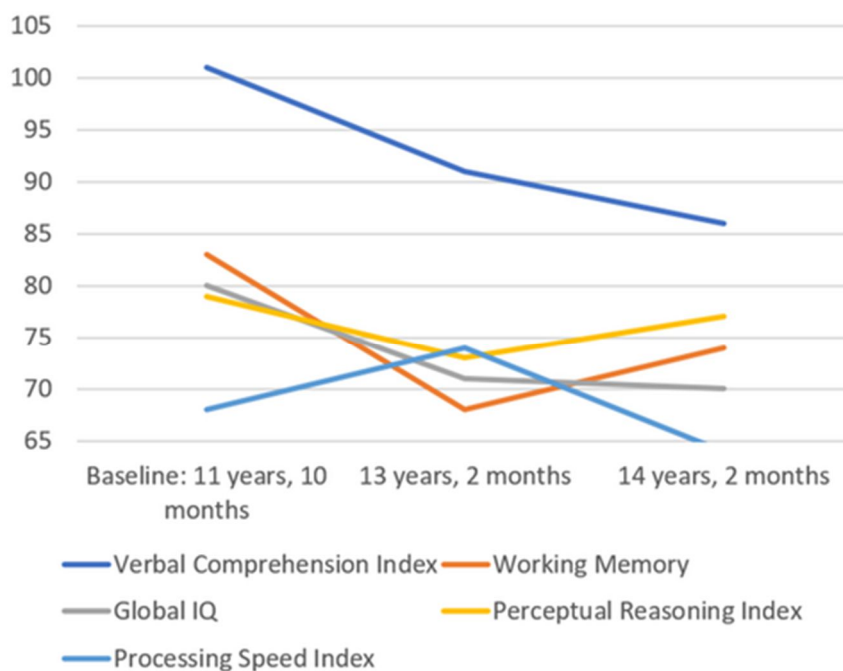




## ***IQ fell in a male patient whose puberty was blocked due to gender distress.***

A case study [1] of a male patient whose puberty was blocked at age 11 showed a decline in several measurements of intelligence over the following three years, including decline of 10 points in global IQ and 15 points in verbal comprehension.

Verbal comprehension showed a continuous decline. Other measurements showed some improvement after an initial decline but never recovered to baseline levels. Processing speed index scores initially improved but then fell below baseline.



### REFERENCES

[1] Schneider MA, Spritzer PM, Soll BMB, Fontanari AMV, Carneiro M, Tovar-Moll F, Costa AB, da Silva DC, Schwarz K, Anes M, Tramontina S, Lobato MIR. Brain Maturation, Cognition and Voice Pattern in a Gender Dysphoria Case under Pubertal Suppression. *Frontiers in Human Neuroscience*. 2017 Nov 14;11:528. doi: 10.3389/fnhum.2017.00528. PMID: 29184488; PMCID: PMC5694455.