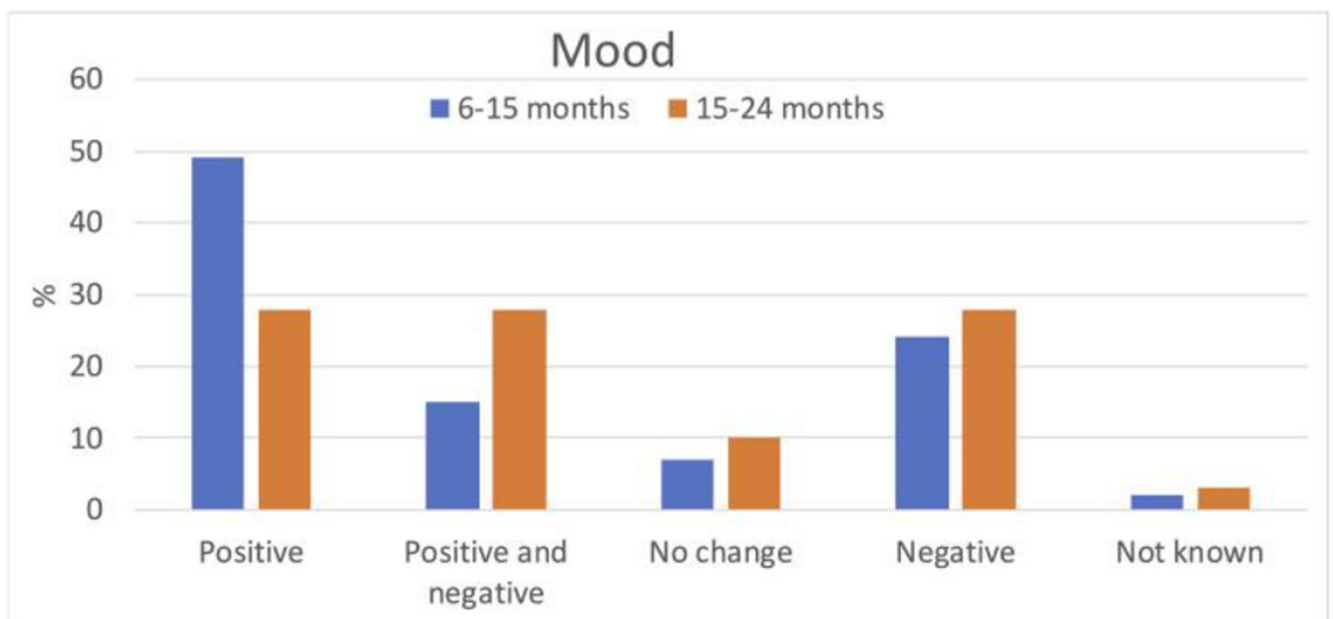




## Teenagers taking puberty blockers report more negative mood changes over time.

In a prospective study [1] of patients aged 12-15 referred to University College Hospital, London by the Gender Identity Development Service, patients reported increases in negative mood and decreases in positive mood over time since beginning puberty blockage.

This study is compromised by the lack of follow-up once patients reached the age of 16, meaning there were significant effective drop-out rates at 24 and 36 months.



### REFERENCES

[1] Carmichael P, Butler G, Masic U, Cole TJ, De Stavola BL, Davidson S, Skageberg EM, Khadr S, Viner RM. Short-term outcomes of pubertal suppression in a selected cohort of 12 to 15 year old young people with persistent gender dysphoria in the UK. *PLoS One*. 2021 Feb 2;16(2):e0243894. doi: 10.1371/journal.pone.0243894. PMID: 33529227; PMCID: PMC7853497.