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## 801-P: TRIM—Teen Obesity and GLP-1 Receptor Agonists—Insights from a Systematic Review, Meta-analysis, and Drug-Wise Network Meta-analysis **FREE**

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**Introduction & Objective:** Obesity in adolescents is linked with adverse health outcomes. GLP1RAs have provided promising but conflicting results. We summarised the evidence for GLP1RAs in adolescents with obesity for weight-related outcomes.

**Methods:** We screened PubMed, Cochrane, Scopus, and Web of Science till 2023/04/29 for eligible RCTs. We compared GLP1RAs vs placebo, and then individual GLP1RAs in a network meta-analysis. We used a random effects model to account for the clinical heterogeneity, used the clinically more interpretable prediction intervals (PI), and assessed study quality and evidence quality.