Figure 1: Digital interventions compared to control for HPV vaccination initiation

| | Intervention | | Control | | | Risk Ratio | | Risk Ratio |
|--------------------------|--------------|---------------------|---------------|----------|------------|---------------------|------|--------------------------------------|
| Study or Subgroup | Events | Total | Events | Total | Weight | M-H, Random, 95% CI | | M-H, Random, 95% CI |
| Bass 2021 (1) | 14 | 72 | 5 | 76 | 18.5% | 2.96 [1.12, 7.79] | | _ _ |
| Reiter 2018 (2) | 34 | 76 | 19 | 74 | 81.5% | 1.74 [1.10, 2.76] | | - |
| Total (95% CI) | | 148 | | 150 | 100.0% | 1.92 [1.27, 2.91] | | • |
| Total events | 48 | | 24 | | | | | |
| Heterogeneity: Tau²= | 0.00; Chi | ² = 0.96 | , df = 1 (F | P = 0.33 |); I² = 0% | | 0.01 | 0.1 1 10 100 |
| Test for overall effect: | Z = 3.07 (| P = 0.00 | 02) | | | | 0.01 | Favours control Favours intervention |

Footnotes

- (1) 9 month follow up
- (2) 7 month follow up

Figure 2: Digital interventions compared to control for HPV vaccination completion

| | Intervention | | Control | | | Risk Ratio | Risk Ratio |
|---|--------------|-------|---------------|----------|-------------|---------------------|--|
| Study or Subgroup | Events | Total | Events | Total | Weight | M-H, Random, 95% CI | M-H, Random, 95% CI |
| Bass 2021 (1) | 2 | 72 | 1 | 76 | 28.9% | 2.11 [0.20, 22.78] | - |
| Reiter 2018 (2) | 8 | 76 | 2 | 74 | 71.1% | 3.89 [0.86, 17.74] | |
| Total (95% CI) | | 148 | | 150 | 100.0% | 3.26 [0.91, 11.72] | |
| Total events | 10 | | 3 | | | | |
| Heterogeneity: Tau² = Test for overall effect: | - | | | P = 0.67 | '); I² = 0% | | 0.01 0.1 1 10 100 Favours control Favours intervention |

Footnotes

- (1) 9 month follow up
- (2) 7 month follow up