

Author(s):
Question: [Cyanoacrylate compared to [Silk suture] for [Pain, edema and trismus]
Setting:
Bibliography:

Certainty assessment							N _e of patients		Effect		Certainty	Importance
N _e of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	[Cyanoacrylate]	[Silk suture]	Relative (95% CI)	Absolute (95% CI)		
Pain (follow-up: mean 1 days; assessed with: Analogic visual scale)												
3	randomised trials	serious ^a	very serious ^b	not serious	serious ^c	none	170	170	-	SMD 1.034 SD higher (1.924 higher to 0.144 higher)	⊕○○○ Very low	CRITICAL
Pain (follow-up: 3 days; assessed with: Analogic visual scale)												
3	randomised trials	serious ^a	very serious ^b	not serious	serious ^d	none	170	170	-	SMD 0.026 SD higher (0.62 higher to 569 higher)	⊕○○○ Very low	CRITICAL
Pain (follow-up: 4 days; assessed with: Analogic visual scale)												
3	randomised trials	serious ^a	not serious	not serious	serious ^d	none	170	170	-	SMD 0.195 SD higher (0.484 higher to 0.095 higher)	⊕+○○ Low	CRITICAL
Pain (follow-up: 5 days; assessed with: Analogic visual scale)												
3	randomised trials	serious ^a	very serious ^b	not serious	very serious ^{c,d}	none	170	170	-	SMD 0.726 SD higher (1.507 higher to 0.056 higher)	⊕○○○ Very low	CRITICAL
Edema (follow-up: 1 days; assessed with: volumetric analysis of the average per traces on the face)												
3	randomised trials	not serious	not serious	not serious	serious ^c	none	190	190	-	SMD 0.286 SD higher (0.541 higher to 0.031 higher)	⊕+⊕○ Moderate	CRITICAL
Edema (follow-up: 2 days; assessed with: volumetric analysis of the average per traces on the face)												
2	randomised trials	not serious	not serious	not serious	serious ^d	none	70	70	-	SMD 0.253 SD higher (0.565 higher to 0.058 higher)	⊕+⊕○ Moderate	CRITICAL
Edema (follow-up: 3 days; assessed with: volumetric analysis of the average per traces on the face)												
2	randomised trials	not serious	not serious	not serious	serious ^d	none	140	140	-	SMD 0.126 SD higher (0.458 higher to 0.206 higher)	⊕+⊕○ Moderate	CRITICAL
Edema (follow-up: 1 weeks; assessed with: volumetric analysis of the average per traces on the face)												
4	randomised trials	not serious	not serious	not serious	serious ^d	none	210	210	-	SMD 0.239 SD higher (0.466 higher to 0.011 higher)	⊕+⊕○ Moderate	CRITICAL
Trismus (follow-up: 1 days; assessed with: Assessment by Interincisal distance)												
2	randomised trials	not serious	very serious ^b	not serious	very serious ^{c,d}	none	140	140	-	SMD 0.592 SD higher (1.002 higher to 2.187 higher)	⊕○○○ Very low	CRITICAL
Trismus (follow-up: 2 days; assessed with: Assessment by Interincisal distance)												

2	randomised trials	not serious	very serious ^b	not serious	very serious ^{c,d}	none	140	140	-	SMD 0.716 SD higher (1.182 higher to 2.615 higher)	⊕○○○ Very low	CRITICAL
---	-------------------	-------------	---------------------------	-------------	-----------------------------	------	-----	-----	---	--	------------------	----------

Trismus (follow-up: 1 weeks; assessed with: Assessment by Interincisal distance)

3	randomised trials	not serious	very serious ^b	not serious	very serious ^{c,d}	none	160	160	-	SMD 0.286 SD higher (0.676 higher to 1.248 higher)	⊕○○○ Very low	CRITICAL
---	-------------------	-------------	---------------------------	-------------	-----------------------------	------	-----	-----	---	--	------------------	----------

CI: confidence interval; SMD: standardised mean difference

Explanations

- a. High risk of bias was found for important criteria in this study design.
- b. Considerable heterogeneity (>75%) significant statistically was found.
- c. Wide confidence interval between effect estimates
- d. Their confidence ranges include values that favor either of the compared treatments.