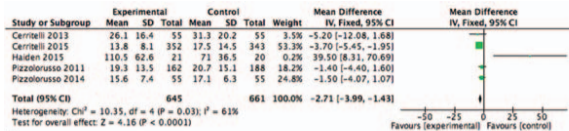


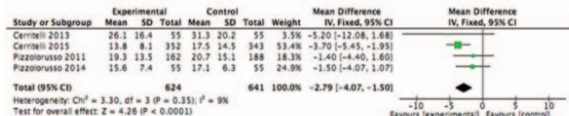
Figure 1. Flow diagram showing selection of articles.

	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Cerritelli 2013	+	+	+	+	+	+	+
Cerritelli 2015	+	+	+	+	+	+	+
Haiden 2015	+	+	-	-	+	+	+
Pizzolorusso 2011	-	+			+	+	+
Pizzolorusso 2014	+	+	+	+	+	+	+

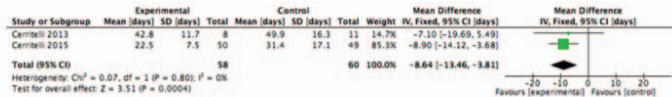
Figure 2. Summary of risk of bias for included studies.



A



B



C

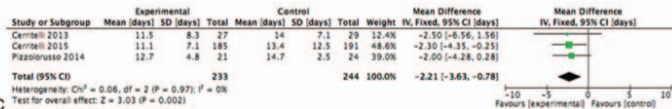
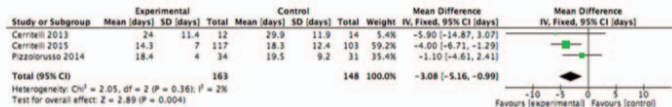


Figure 3. (right) Forest plot showing meta-analysis of osteopathic intervention on LOS. (A) comprehensive analysis including all studies. (B) Sensitivity analysis. (left) Sensitivity analysis by gestational age (GA). (A) Very preterm infant with GA < 32 w; (B) moderate preterm infants with 32 > GA < 34 w; (C) late preterm infants with GA > 34 w. LOS = length of stay, GA = gestational age.