

Study or Subgroup	Vitamin D		Control		Weight	Risk Ratio M-H, Random, 95% CI	Year
	Events	Total	Events	Total			
2.4.1 Vit D deficient <30 ng/ml							
Amrein 2011	6	12	6	13	7.5%	1.08 [0.48, 2.45]	2011
Amrein 2014	67	237	84	238	43.5%	0.80 [0.61, 1.04]	2014
Ginde 2019	92	538	72	539	40.2%	1.28 [0.96, 1.70]	2019
Ingels 2020	2	11	2	13	1.7%	1.18 [0.20, 7.06]	2020
Subtotal (95% CI)		798		803	92.9%	1.02 [0.74, 1.41]	
Total events	167		164				
Heterogeneity: Tau ² = 0.04; Chi ² = 5.70, df = 3 (P = 0.13); I ² = 47%							
Test for overall effect: Z = 0.13 (P = 0.90)							
2.4.2 Mixed baseline Vit D level							
Leaf 2014	8	36	7	31	6.4%	0.98 [0.40, 2.40]	2014
Han 2016	1	20	1	10	0.8%	0.50 [0.03, 7.19]	2016
Subtotal (95% CI)		56		41	7.1%	0.92 [0.39, 2.14]	
Total events	9		8				
Heterogeneity: Tau ² = 0.00; Chi ² = 0.22, df = 1 (P = 0.64); I ² = 0%							
Test for overall effect: Z = 0.20 (P = 0.85)							
Total (95% CI)		854		844	100.0%	1.01 [0.80, 1.27]	
Total events	176		172				
Heterogeneity: Tau ² = 0.01; Chi ² = 5.96, df = 5 (P = 0.31); I ² = 16%							
Test for overall effect: Z = 0.05 (P = 0.96)							
Test for subgroup differences: Chi ² = 0.05, df = 1 (P = 0.82), I ² = 0%							

