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	Experime	Experimental Control			Risk Ratio	Risk Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C	M-H, Fixed, 95% Cl	
3.2.1 RAB								
Dong 2013	48	50	46	50	14.7%	1.04 [0.94, 1.15]		
Ma 2016	52	55	40	55	12.8%	1.30 [1.09, 1.55]		
Subtotal (95% CI)		105		105	27.6%	1.16 [1.05, 1.28]		
Total events	100		86					
Heterogeneity: Chi ² =	6.14, df = 1	(P = 0.0)	01); l ² = 8	4%				
Test for overall effect	: Z = 2.98 (P	= 0.003	3)					
3.2.2 OME								
Chen 2013	128	140	107	125	36.2%	1.07 [0.98, 1.17]	+	
Luo 2017	80	81	74	81	23.7%	1.08 [1.01, 1.16]		
Zhang GF2014	47	50	39	50	12.5%	1.21 [1.02, 1.42]		
Subtotal (95% CI)		271		256	72.4%	1.10 [1.03, 1.16]	•	
Total events	255		220					
Heterogeneity: Chi ² =	1.77, df = 2	(P = 0.4)	41); I ² = 0	%				
Test for overall effect	: Z = 3.13 (P	= 0.002	2)					
Total (95% CI)		376		361	100.0%	1.11 [1.06, 1.17]	•	
Total events	355		306					
Heterogeneity: Chi ² = 7.17, df = 4 (P = 0.13); l ² = 44%								
Test for overall effect				0.5 0.7 1 1.5				
	differences: Chi ² = 1.02, df = 1 (P = 0.31), $l^2 = 2.3\%$						Favours [experimental] Favours [control]	

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	Experime		Contr			Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C	I M-H, Fixed, 95% Cl
3.1.1 7days							
Dong 2013	48	50	46	50	14.7%	1.04 [0.94, 1.15]	- -
Ma 2016	52	55	40	55	12.8%	1.30 [1.09, 1.55]	
Subtotal (95% CI)		105		105	27.6%	1.16 [1.05, 1.28]	\bullet
Total events	100		86				
Heterogeneity: Chi ² =	6.14, df = 1	(P = 0.0)	01); l ² = 8	4%			
Test for overall effect:	Z = 2.98 (P	= 0.003	3)				
3.1.2 14days							
Chen 2013	128	140	107	125	36.2%	1.07 [0.98, 1.17]	+
Luo 2017	80	81	74	81	23.7%	1.08 [1.01, 1.16]	
Zhang GF2014	47	50	39	50	12.5%	1.21 [1.02, 1.42]	
Subtotal (95% CI)	77	271	00	256	72.4%	1.10 [1.03, 1.16]	•
Total events	255		220				
Heterogeneity: Chi ² =		(P = 0)		%			
Test for overall effect:		•					
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Total (95% CI)		376		361	100.0%	1.11 [1.06, 1.17]	•
Total events	355		306				
Heterogeneity: Chi ² =	7.17, df = 4	(P = 0.1)	13); l² = 4	4%			0.5 0.7 1 1.5 2
Test for overall effect:	Z = 4.26 (P	< 0.000	01)				
Test for subaroup diffe	erences: Ch	i ² = 1.02	2. df = 1 (P = 0.3	1). I ² = 2.3	8%	Favours [experimental] Favours [control]

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	Experim	ental	Contr	ol		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C	I M-H, Fixed, 95% Cl
3.3.1 120mg							
Dong 2013	48	50	46	50	14.7%	1.04 [0.94, 1.15]	
Luo 2017	80	81	74	81	23.7%	1.08 [1.01, 1.16]	
Ma 2016	52	55	40	55	12.8%	1.30 [1.09, 1.55]	
Subtotal (95% CI)		186		186	51.3%	1.13 [1.06, 1.20]	•
Total events	180		160				
Heterogeneity: Chi ² =	6.06, df = 2	(P = 0.0	05); l ² = 6	7%			
Test for overall effect	z = 3.66 (F	P = 0.000	03)				
3.3.2 300mg							
Chen 2013	128	140	107	125	36.2%	1.07 [0.98, 1.17]	+
Subtotal (95% CI)		140		125	36.2%	1.07 [0.98, 1.17]	◆
Total events	128		107				
Heterogeneity: Not ap	plicable						
Test for overall effect	z = 1.47 (F	P = 0.14)					
3.3.3 500mg							
Zhang GF2014	47	50	39	50	12.5%	1.21 [1.02, 1.42]	
Subtotal (95% CI)		50		50	12.5%	1.21 [1.02, 1.42]	
Total events	47		39				
Heterogeneity: Not ap	plicable						
Test for overall effect	Z = 2.24 (F	P = 0.02)					
Total (95% CI)		376		361	100.0%	1.11 [1.06, 1.17]	•
Total events	355		306				
Heterogeneity: Chi ² =	7.17, df = 4	(P = 0.	13); l² = 4	4%			0.5 0.7 1 1.5
Test for overall effect	Z = 4.26 (F	o < 0.000	01)				Favours [experimental] Favours [control]
Test for subaroup differences: $Chi^2 = 1.87$. df = 2 (P = 0.39). $l^2 = 0\%$							

Supplementary figure 3-2. (A) Subgroup analysis of the relieving rate of clinical symptoms about the PPI type. (B) Subgroup analysis of the relieving rate of clinical symptoms about the time of treatment duration. (C) Subgroup analysis of the relieving rate of clinical symptoms about the dose of berberine.