

## Supplementary Information

### Treatment Effects of Jinlingzi Powder and its Extractive Components on Gastric Ulcer Induced by Acetic Acid in Rats

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Table S1 effect of different groups on UI, UA and UHR

Group	Number of rats	UI	UA (cm <sup>2</sup> )	UHR (%)
BG	12	0	0	—
MG	9	0.911±0.166	0.146±0.060	—
JG	10	0.417±0.089 <sup>##</sup>	0.030±0.015 <sup>b</sup>	69.5
OG	11	0.400±0.082 <sup>##</sup>	0.027±0.011 <sup>b</sup>	70.7
C3G	9	0.738±0.076 <sup>***</sup>	0.100±0.072 <sup>ad</sup>	28.1
C2G	10	0.450±0.096 <sup>##</sup>	0.037±0.017 <sup>b</sup>	67.1
C1G	10	0.544±0.096 <sup>##*</sup>	0.049±0.019 <sup>bc</sup>	40.2

The results are expressed as the means ± SD. #  $P < 0.05$  vs MG, ##  $P < 0.01$  vs MG, \*  $P < 0.05$  vs JG, \*\*  $P < 0.01$  vs JG. (UI: ulcer index, UA: ulcer area, UHR: ulcer healing rate)

Table S2 contents of IL-8, TNF- $\alpha$ , NT, PAF and TXB2 in rat serum ( $\bar{x} \pm s$ )

Group	Number of rats	IL-8 (pg/mL)	TNF- $\alpha$ (pg/mL)	NT (pg/mL)	PAF (pg/mL)	TXB2 (pg/mL)
BG	12	8.75 $\pm$ 2.78 <sup>##</sup>	379.65 $\pm$ 11.11 <sup>##</sup>	178.19 $\pm$ 11.24 <sup>##</sup>	519.29 $\pm$ 30.97 <sup>##</sup>	22.23 $\pm$ 4.48 <sup>##</sup>
MG	9	23.66 $\pm$ 6.404 <sup>**++</sup>	451.36 $\pm$ 25.47 <sup>***++</sup>	88.10 $\pm$ 12.20 <sup>**++</sup>	651.18 $\pm$ 49.39 <sup>**++</sup>	68.52 $\pm$ 8.93 <sup>**++</sup>
JG	10	11.69 $\pm$ 3.09 <sup>##</sup>	391.95 $\pm$ 15.33 <sup>##</sup>	173.99 $\pm$ 9.58 <sup>##</sup>	531.41 $\pm$ 14.33 <sup>##</sup>	25.15 $\pm$ 3.69 <sup>##</sup>
OG	11	12.91 $\pm$ 3.51 <sup>##*</sup>	425.43 $\pm$ 14.39 <sup>##**++</sup>	132.49 $\pm$ 7.97 <sup>##**++</sup>	553.07 $\pm$ 44.72 <sup>##</sup>	30.00 $\pm$ 7.64 <sup>**</sup>
C3G	9	13.91 $\pm$ 4.36 <sup>##*</sup>	407.06 $\pm$ 18.26 <sup>##*</sup>	170.66 $\pm$ 10.71 <sup>##</sup>	544.46 $\pm$ 34.02 <sup>##</sup>	53.17 $\pm$ 6.92 <sup>**++</sup>
C2G	10	11.26 $\pm$ 1.92 <sup>##</sup>	410.06 $\pm$ 7.25 <sup>##**</sup>	168.13 $\pm$ 18.90 <sup>##</sup>	538.62 $\pm$ 26.56 <sup>##</sup>	28.77 $\pm$ 6.30 <sup>##</sup>
C1G	10	17.71 $\pm$ 4.89 <sup>**++</sup>	431.43 $\pm$ 12.95 <sup>##**++</sup>	91.72 $\pm$ 8.68 <sup>**++</sup>	610.62 $\pm$ 26.88 <sup>##**++</sup>	49.02 $\pm$ 3.41 <sup>##**++</sup>

The results are expressed as the means  $\pm$  SD. <sup>#</sup>  $P < 0.05$  vs MG, <sup>##</sup>  $P < 0.01$  vs MG, <sup>\*</sup>  $P < 0.05$  vs BG, <sup>\*\*</sup>  $P < 0.01$  vs BG, <sup>+</sup>  $P < 0.05$  vs JG, <sup>++</sup>  $P < 0.01$  vs JG. IL-8: interleukin-8, TNF- $\alpha$ : tumor necrosis factor- $\alpha$ , NT: neurotensin, PAF: platelet activating factor, TXB2: thromboxane B2.

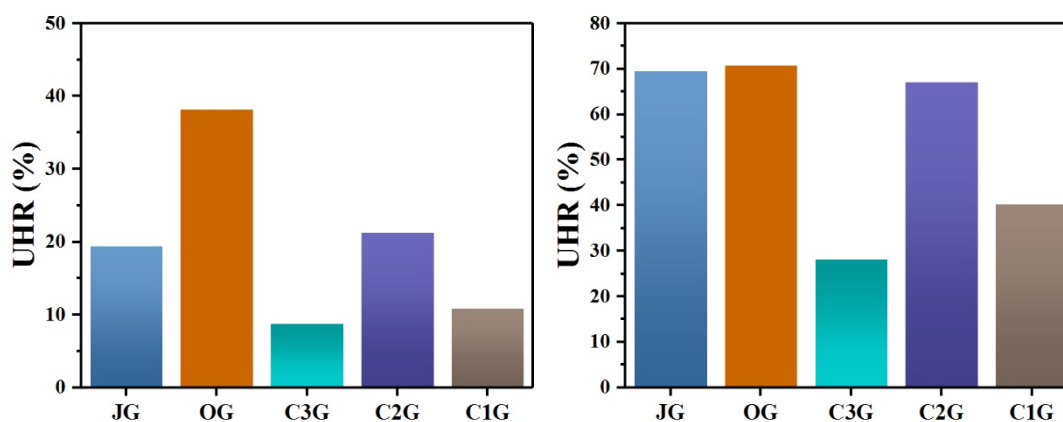


Fig. S1 UHR on the gastric ulcer of pyloric ligation type (left) and acetic acid smear type (right) over Jinlingzi Powder and its components (Ten rats in each group)