

**Supplementary Table S1.** The physical properties and caffeine content of caffeinated coffee and decaffeinated coffee tablets before and after storage at room temperature in an air tight container for 30 days.

Test	Acceptance criteria*	Caffeinated coffee tablets		Decaffeinated coffee tablets	
		Day 0 (Mean±SD)	Day 30 (Mean±SD)	Day 0 (Mean±SD)	Day 30 (Mean±SD)
Uniformity of mass, mg, n=20	500±5% (475-525 mg)	501.9±3.5	500.0±6.3	497.7±4.5	504.7±3.0
Disintegration time, minute, n=6	<15 min	9.0	9.0	8.0	9.0
Caffeine content (mg) per tablet, n=20	-	17.32±0.65	17.50±0.57 <sup>+</sup>	0.61±0.02	0.60±0.02 <sup>++</sup>

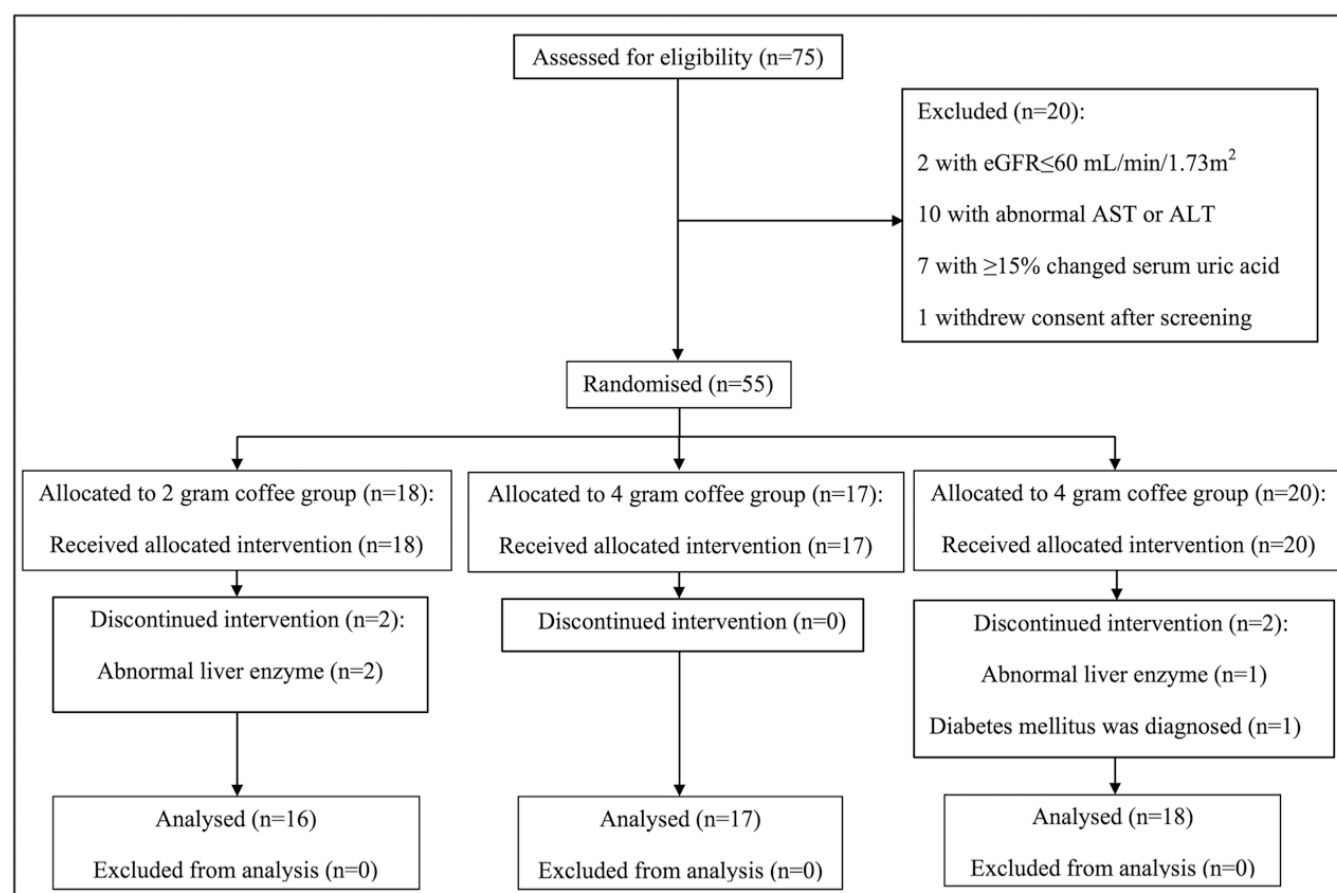
\*According to the guideline of the British Pharmacopoeia (1)

<sup>+</sup> *p*-value was compared between day 0 and day 30 of the caffeinated coffee tablets. *p*-value was 0.37.

<sup>++</sup> *p*-value was compared between day 0 and day 30 of the decaffeinated coffee tablets. *p*-value was 0.69.

#### Reference

1. The British Pharmacopoeia Commission. British Pharmacopoeia 2010. London: Medicines and Healthcare products Regulatory Agency (MHRA).

**Supplementary Fig. S1.** The consort flow chart of the study.