

Table S4: Serious adverse events causing hospital admittance

No.	Drug (dose and time of intake)	Reason for intake	Patient (sex, age)	Symptoms (time after intake)	Diagnosis (means)	Therapy	Outcome
1	Ibuprofen (600 mg BS)	Fear of joint pain	Female, 38 years	Oliguria, dyspnoea	Haematuria, hyperkalaemia, proteinuria	Furosemide, fluid, electrolytes	Recovered
2	Ibuprofen (400 mg BS and 400 mg DR)	Unknown	Male, 47 years	Anuria, haematuria at day 2	Empty bladder	Furosemide	Recovered
3	Ibuprofen (600 mg BS)	Joint pain (former body-builder), impaired kidney function	Male, 57 years	Anuria, arrhythmia (RR 220/120 mmHg)	Anuria	Haemofiltration, electrolytes, furosemide for 10 days	Incompletely recovered
4	Aspirin (500 mg BS)	Dysmenorrhoea	Female, 28 years	Black stool at day 1	Bleeding gastric ulcer	Gastroscopic intervention, omeprazole	Recovered
5	Aspirin (500 mg BS)	Fear of joint pain	Male, 43 years	Vomiting (blood stained), GI-cramps at day 1, black stool	Toxic erosive gastritis	Omeprazole	Recovered
6	Aspirin (1000 mg BS)	Enhance performance	Male, 33 years	GI-cramps, vomiting (blood stained)	Haemorrhagic gastritis	Gastroscopy, pantozole	Recovered
7	Aspirin (1000 mg BS)	Joint pain	Male, 53 years	GI-cramps (evening), black stool	2 gastric ulcers	Gastroscopic intervention, omeprazole	Recovered
8	Aspirin (500 mg BS)	Foot pain	Male, 38 years (experienced in sports)	Chest pain during race	ECG: infarction (small)	No specific therapy	Recovered
9	Aspirin (100 mg; BS)	Fear of infarction	Male, 51 years (apparently healthy)	Chest pain	ECG, troponin test: (small) infarction	Intensive care, rehabilitation	Unknown

BS = before start of the race; DR = during race; ECG = electrocardiogram; RR = blood pressure