Table 1 Demographic characteristics of 234 patients with kidney stones

Kidney Stones	Type 2 diabetes n = 104	Controls n = 130	p
Age (years)	57.8 ± 11	52.1 ± 6.7	NS
Sex (male, female)	M:61, F:43	M:66, F:64	------
Height (m)	1.68 ± 0.1	1.66 ± 0.1	NS
Weight (kg)	90 ± 17	76.4 ± 15	< 0.01
BMI(weight/height^2)	32 ± 5	27.5 ± 4.5	< 0.01

Table 2 Single metabolic abnormalities in both controls and

type 2 diabetes patients

Biochemical Abnormality	Controls n = 82 (77%)	Type 2 diabetes n = 47 (47.5%)	p
UAU	4 (3.8%)	19 (19.1%)	<0.01
HU	11 (10.4%)	12 (12.3%)	NS
IH	47 (44.3%)	9 (9.0%)	<0.001
HM	4 (3.8%)	3 (3.0%)	NS
HC	7 (6.6%)	3 (3.0%)	0.01
PHPT	3 (2.8%)	1 (1.1%)	NS
HOx	4 (3.8%)	0	
CYS	2 (1.9%)	0	

Table 3 Combined metabolic abnormalities in both controls

and type 2 diabetes patients

Biochemical Abnormality	Controls n = 24/106 (23%)	type 2 diabetes n = 52/99 (52.5%)	p
IH + HC	2 (1.9%)	1 (1.01%)	NS
IH + HM	2 (1.9%)	7 (7.07%)	NS
IH + HOx	1 (0.95%)	1 (1.01%)	NS
IH + HU	9 (8.75%)	7 (7.07%)	NS
HC + HM	2 (1.9%)	2 (2.02%)	NS
HC + HU	1 (0.95%)	3 (3.03%)	NS
UAU + HOx	1 (0.95%)	1 (1.01%)	NS
UAU + HC	--	3 (3.03%)	
UAU + HM	--	4 (4.03%)	
UAU + HU	--	2 (2.02%)	
Other	6 (5.7%)	21 (20.7%)	<0.01