

Table SII. Risk factors for first and multiple squamous cell carcinoma and keratinocyte cancers in study period

Baseline characteristics	SCC (n = 149)				KC (n = 249)		
	n = 441	Yes n (%)	First SCC IRR (95% CI) ^a	Multiple SCC IRR (95% CI)	Yes n (%)	IRR (95% CI) ^a	Multiple KC IRR (95% CI)
Age							
< 50 years	114	13 (11)	1.0	1.0	33 (29)	1.0	1.0
50–59 years	140	42 (30)	2.5 (1.3–4.8)	8.0 (3.9–16.2)	81 (58)	2.4 (1.6–3.7)	3.9 (2.5–6.1)
≥ 60 years	187	94 (50)	5.0 (2.8–9.2)	12.5 (6.2–25.1)	135 (72)	4.6 (3.1–6.9)	7.5 (4.9–11.6)
Sex							
Female	159	29 (18)	1.0	1.0	78 (49)	1.0	1.0
Male	282	120 (43)	2.3 (1.5–3.4)	2.8 (1.8–4.3)	171 (61)	1.3 (1.0–1.7)	1.6 (1.1–2.2)
Organ							
Kidney	260	101 (39)	1.0	1.0	160 (62)	1.0	1.0
Liver	181	48 (27)	0.6 (0.4–0.8)	0.6 (0.4–1.0)	89 (49)	0.6 (0.5–0.8)	0.5 (0.4–0.7)
Born in Australia							
Yes	339	126 (37)	1.0	1.0	204 (60)	1.0	1.0
No	102	23 (23)	0.5 (0.3–0.8)	0.4 (0.3–0.7)	45 (44)	0.5 (0.4–0.7)	0.5 (0.4–0.7)
Completed education							
Grade 12 or less	245	96 (39)	1.0	1.0	152 (62)	1.0	1.0
Trade/diploma	119	33 (28)	0.8 (0.5–1.2)	1.2 (0.7–1.9)	63 (53)	0.8 (0.6–1.0)	0.9 (0.6–1.3)
University/college	77	20 (26)	0.7 (0.4–1.1)	0.4 (0.2–0.7)	34 (44)	0.5 (0.3–0.7)	0.3 (0.2–0.4)
Skin colour							
Olive/medium	176	36 (20)	1.0	1.0	77 (44)	1.0	1.0
Fair	265	113 (43)	2.2 (1.5–3.2)	2.5 (1.6–3.8)	172 (65)	1.8 (1.4–2.4)	2.2 (1.6–3.0)
Frequency of skin checks over 5 years							
Up to once a year	285	66 (23)	1.0	1.0	129 (45)	1.0	1.0
>5 (> once a year)	156	83 (53)	1.8 (1.3–2.5)	2.5 (1.7–3.7)	120 (77)	2.1 (1.6–2.7)	2.2 (1.6–3.0)

^aadjusted for age, sex, organ, born in Australia, education, skin color, skin check frequency.
 SCC: squamous cell carcinoma; KC; keratinocyte cancer; IRR: incidence rate ratio.