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**Table SI. Additional data on patient characteristics of non-pregnant and pregnant women**

Characteristic	Overall, N = 50 <sup>a</sup>	Non-pregnant, N = 25 <sup>a</sup>	Pregnant, N = 25 <sup>a</sup>
Previous other cancer			
No	49 (100%)	25 (100%)	24 (94%)
Yes	0 (0%)	0 (0%)	1 (4%)
Previous pregnancy			
No	36 (72%)	23 (92%)	13 (52%)
Yes	14 (28%)	2 (8.0%)	12 (48%)
Previous birth			
No	42 (84%)	23 (92%)	19 (76%)
Yes	8 (16%)	2 (8.0%)	6 (24%)
Nicotine			
No	40 (80%)	21 (84%)	19 (76%)
Yes	10 (20%)	4 (16%)	6 (24%) (all 6 with cessation during pregnancy)
Alcohol consumption			
Never	4 (8.0%)	2 (8.0%)	2 (8.0%)
Occasionally	46 (92%)	23 (92%)	23 (92%)
Education			
Apprenticeship	5 (10%)	1 (4.0%)	4 (16%)
HF	7 (14%)	2 (8.0%)	5 (20%)
Uni/FH	38 (76%)	22 (88%)	16 (64%)
Dermatological disease			
No	44 (88%)	23 (92%)	21 (84%)
Atopy	4 (8.0%)	2 (8.0%)	2 (8.0%)
PLEVA	1 (2.0%)	0 (0%)	1 (4.0%)
Scleroderma	1 (2.0%)	0 (0%)	1 (4.0%)
Check-up in last 2 years			
No	39 (78%)	21 (84%)	18 (72%)
Yes	11 (22%)	4 (16%)	7 (28%)
<sup>a</sup> n (%)			

**Table SII. Total number of nevi on different localizations**

<b>Localization</b>	<b>Overall, Total MN: 2799<sup>a</sup></b>	<b>Non-pregnant, Total MN: 1422<sup>a</sup></b>	<b>Pregnant, Total MN: 1377<sup>a</sup></b>
Abdomen	4.5 (3.9) [1; 16] 189 42	3.4 (2.8) [1; 13] 75 22	5.7 (4.6) [1; 16] 114 20
Back	11.7 (11.7) [1; 66] 584 50	10.8 (13.6) [1; 66] 270 25	12.6 (9.6) [1; 35] 314 25
Chest	4.5 (3.6) [1; 14] 180 40	3.5 (2.3) [1; 8] 70 20	5.5 (4.4) [1; 14] 110 20
Head	5.9 (4.4) [1; 19] 277 47	6.6 (4.7) [1; 19] 165 25	5.1 (4.0) [1; 15] 112 22
Lower extremities	18.6 (14.4) [2; 73] 913 49	19.3 (16.2) [2; 73] 483 25	17.9 (12.5) [2; 49] 430 24
Upper extremities	13.1 (9.0) [1; 33] 656 50	14.4 (9.2) [3; 33] 359 25	11.9 (8.8) [1; 32] 297 25

<sup>a</sup> Mean per patient (SD) [Minimum; Maximum], N total MN, *N patients*

**Table SIII. Summary of linear mixed-effect on changes in MN aspects averaged for all localizations in relation to pregnancy, age and BMI**

	Predictors	29-30 weeks pregnant	8-12 weeks postpartum
Mean diameter	Estimate	-0.91	-1.16
	SE	0.31	0.31
	95% CI	-1.53 to -0.29	-1.78 to -0.54
	t	-2.95	-3.74
	p	0.004	<0.001
Mean area	Estimate	-0.04	-0.29
	SE	0.06	0.06
	95% CI	-0.16-0.09	-0.42 to -0.16
	t	-0.55	-4.59
	p	0.582	<0.001
Mean number of colours	Estimate	-0.02	0.13
	SE	0.05	0.05
	95% CI	-0.12-0.07	0.03-0.22
	t	-0.52	2.71
	p	0.602	0.009
Mean number of dots & globules	Estimate	0.16	0.06
	SE	0.2	0.2
	95% CI	-0.24-0.56	-0.34-0.46
	t	0.8	0.31
	p	0.429	0.757
Mean colour asymmetry	Estimate	0	0
	SE	0	0
	95% CI	-0.01-0.01	-0.00-0.01
	t	-0.28	0.95
	p	0.782	0.346
Mean shape asymmetry	Estimate	-0.01	-0.03
	SE	0.01	0.01
	95% CI	-0.04-0.01	-0.06 to -0.01
	t	-1.27	-2.92
	p	0.209	0.005
Mean ellipseness	Estimate	0.04	0.07
	SE	0.02	0.02
	95% CI	-0.00-0.08	0.04-0.11
	t	1.85	4.38
	p	0.073	<0.001
Mean border sharpness	Estimate	-16.96	-50.12
	SE	17.74	17.74
	95% CI	-52.39-18.47	-85.55 to -14.69
	t	-0.96	-2.83
	p	0.343	0.006