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CORRIGENDUM

Effects of long-term plant sterol or stanol ester consumption on lipid and lipoprotein metabolism in subjects on statin treatment – CORRIGENDUM

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In error, an incorrect version of Table 3 was published. The correct version can be found below.

Table S3. Effects of plant sterol and stanol ester consumption on serum concentrations of plant sterols, plant stanols, lathosterol and oxysterols

(Mean values and their standard deviations)

	Control group		Plant sterol group		Plant stanol group	
	Mean	SD	Mean	SD	Mean	SD
Sitosterol[1]						
Run in	174	64	212	109	159	85
Half way	170	62	307	138	124	67
End	178	75	297	122	133	62
Change halfway	−5	18	95[b]	53	−35	48
Change end	4	43	84[b]	48	−26	49
Campesterol[1]						
Run in	266	112	331	178	249	139
Half way	247	108	684	294	180	97
End	242	100	686	288	180	73
Change halfway	−19	48	353[b]	156	−69	89
Change end	−24	56	355[b]	168	−70	104
Sitostanol[1]						
Run in	3	1	3	1	3	1
Half way	3	1	3	1	20	12
End	3	1	3	1	23	16
Change halfway	0	0	0	1	17[b]	11
Change end	0	1	−1	1	20[b]	15
Campestanol[1]						
Run in	3	1	4	1	3	1
Half way	3	1	4	1	18	10
End	3	1	3	1	20	14
Change halfway	0	1	0	1	15[b]	9
Change end	0	1	−1	1	17[b]	13
Lathosterol[1]						
Run in	66	23	66	30	64	29
Half way	63	25	78	33	66	22
End	58	17	81	40	68	24
Change halfway	−3	12	12	19	2	20
Change end	−8	12	15[a]	14	4	23
7α-OH-Chol[2]						
Run in	14	5	15	6	14	4
Half way	13	3	16	5	14	4
End	12	5	13	5	14	4
Change halfway	−1	3	1	3	0	4
Change end	−2	4	−1	4	0	3

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Table S3. *Continued*

	Control group		Plant sterol group		Plant stanol group	
	Mean	SD	Mean	SD	Mean	SD
24S-OH-Chol[2]						
Run in	11	1	13	3	12	4
Half way	11	2	12	2	12	4
End	11	2	13	3	12	4
Change halfway	0	1	−1	1	0	2
Change end	0	1	0	2	0	2
27-OH-Chol[2]						
Run in	45	13	38	8	42	12
Half way	44	16	38	7	41	12
End	44	15	40	7	40	11
Change halfway	−1	7	0	7	−1	7
Change end	−1	7	2	6	−2	10
C4[2]						
Run in	5	3	5	3	5	2
Half way	4	2	4	3	5	2
End	4	3	5	4	5	2
Change halfway	−1	1	0	2	0	2
Change end	0	1	1	4	0	3

Values are expressed as [1]$10^2 \times$ μmol/mmol cholesterol or [2]μg/mmol serum.
[a] Significantly different from the control group ($P<0{\cdot}05$).
[b] Significantly different from the control group ($P<0{\cdot}001$).

Results

Plant sterols and stanols, cholesterol precursors, oxysterols and 7a-hydroxy-4-cholesten-3-one

For: Both cholesterol-standardised sitostanol and campestanol concentrations were significantly increased in the stanol ester group as compared with the control group. Surprisingly, serum cholesterol-standardised campestanol concentrations further increased after 45 weeks in the plant stanol group.
Read: Both cholesterol-standardised sitostanol and campestanol concentrations were significantly increased in the stanol ester group as compared with the control group.

Discussion

For: Although the initial increase in serum cholesterol-standardised campestanol concentrations is in line with earlier observations, serum cholesterol-standardised campestanol concentrations further increased after 45 weeks. This effect was not only observed in the plant stanol group, but also in the control and the plant sterol groups, although to a lesser extent. Since all samples of one subject were analysed in the same analytical run and samples from the three groups were randomly distributed over the runs, these increases cannot be attributed to technical problems and warrant further investigation.
Read: The increase in serum cholesterol-standardised campestanol concentrations is in line with earlier observations (refs)

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