
Corrigendum

The Effect of Low-Dose Naltrexone on Medication in Inflammatory Bowel Disease: A Quasi Experimental Before-and-After Prescription Database Study

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doi:10.1093/ecco-jcc/jjy008

There were some errors in [Table 3](#), [Supplementary data 3](#) and [Supplementary data 5](#) in the original article. These have now been corrected in the online version.

The method used (*Altman) is not available in standard statistics packages, and had to be performed in Excel. When calculating *p*-values from *Z*-scores, the Excel function =NORM.S.DIST was mistakenly used. This gives approximately correct *p*-values for high *Z*-scores (statistical significant results), but the maximum max *p*-value output for this function is 0,4.

There are no results where the statistical significance status is changed. The differences in *p*-values is mainly affecting the most non-significant values making *p*-values larger. The results, conclusions and scientific understanding of the study remain unchanged.



Table 3: Number of prevalent users of disease modifying medication in Norwegian patients with inflammatory bowel disease two years before and after first dispense of low dose naltrexone (LDN). Three groups based on number of LDN dispenses: LDN x 1 (N = 189) collected LDN once, LDN x 2-3 (N = 137) two or three times and LDN x 4+ (N = 256) four or more times. Other systemic immunosuppressants include azathioprine, methotrexate, mercaptopurine, cyclosporine, and tacrolimus.

		Users before LDN		Users after LDN		% points change in number of users		<i>p</i>
		N	%	N	%	95% CI		
All outcome drugs	<i>LDN x1</i>	139	73.5	141	74.6	1.1	(-6.8 to 9.0)	0.793
	<i>LDN x 2-3</i>	109	79.6	98	71.5	-8.0	(-15.6 to -0.4)	0.043
	<i>LDN x 4+</i>	216	84.4	191	74.6	-9.8	(-15.3 to -4.2)	0.001
Systemic immunosuppressants	<i>LDN x1</i>	93	49.2	95	50.3	1.1	(-6.6 to 8.7)	0.786
	<i>LDN x 2-3</i>	73	53.3	69	50.4	-2.9	(-11.0 to 5.2)	0.481
	<i>LDN x 4+</i>	137	53.5	121	47.3	-6.3	(-12.4 to -0.1)	0.050
Systemic corticosteroids	<i>LDN x1</i>	71	37.6	71	37.6	0.0	(-8.3 to 8.3)	1.000
	<i>LDN x 2-3</i>	60	43.8	54	39.4	-4.4	(-12.9 to 4.2)	0.319
	<i>LDN x 4+</i>	107	41.8	92	35.9	-5.9	(-12.4 to 0.6)	0.080
TNF- α inhibitors	<i>LDN x1</i>	32	16.9	30	15.9	-1.1	(-6.5 to 4.4)	0.706
	<i>LDN x 2-3</i>	14	10.2	15	10.9	0.7	(-4.8 to 6.3)	0.797
	<i>LDN x 4+</i>	27	10.5	25	9.8	-0.8	(-4.3 to 2.0)	0.468
Other systemic immunosuppressants	<i>LDN x1</i>	39	20.6	33	17.5	-3.2	(-8.4 to 2.1)	0.241
	<i>LDN x 2-3</i>	23	16.8	28	20.4	3.6	(-3.2 to 10.5)	0.299
	<i>LDN x 4+</i>	45	17.6	32	12.5	-5.1	(-8.8 to -1.3)	0.010
Intestinal anti-inflammatory agents	<i>LDN x1</i>	109	57.7	102	54.0	-3.7	(-11.8 to 4.4)	0.371
	<i>LDN x 2-3</i>	82	59.9	72	52.6	-7.3	(-15.8 to 1.2)	0.098
	<i>LDN x 4+</i>	168	65.4	140	54.5	-10.9	(-17.0 to -4.7)	0.001
Intestinal corticosteroids	<i>LDN x1</i>	42	22.2	46	24.3	2.1	(-4.4 to 8.7)	0.528
	<i>LDN x 2-3</i>	40	29.2	36	26.3	-2.9	(-11.7 to 5.9)	0.518
	<i>LDN x 4+</i>	53	20.7	36	14.1	-6.6	(-11.7 to -1.6)	0.012
Aminosalicylates	<i>LDN x1</i>	89	47.1	78	41.3	-5.8	(-12.7 to 1.1)	0.103
	<i>LDN x 2-3</i>	58	42.3	50	36.5	-5.8	(-11.8 to 0.2)	0.061
	<i>LDN x 4+</i>	139	54.3	116	45.3	-9.0	(-14.3 to -3.6)	0.001