

## Appendix 4

*Rate ratio estimates (RR) of venous thromboembolism (VTE) between users of different combined oral contraceptives with 30-40 µg ethinylestradiol (EE) according to different user categories for the whole period 2001-2009*

2001-2009 COC with	VTE all n / n	Adjust RR	95% CI		p-value
			Low	High	
<b>Start use only</b>					
DRSP vs LNG	59 / 37	<b>2.69</b>	1.76	4.10	<.0001
DRSP vs 3rd gen	59 / 178	<b>1.28</b>	0.94	1.72	0.1144
Desogestrel vs LNG	40 / 37	<b>2.67</b>	1.70	4.18	<.0001
Gestodene vs LNG	138 / 37	<b>1.99</b>	1.38	2.87	0.0002
<b>Start + new use</b>					
DRSP vs LNG	137 / 84	<b>2.05</b>	1.56	2.70	<.0001
DRSP vs 3rd gen	137 / 472	<b>1.07</b>	0.88	1.30	0.4831
Desogestrel vs LNG	103 / 84	<b>2.14</b>	1.60	2.85	<.0001
Gestodene vs LNG	369 / 84	<b>1.86</b>	1.47	2.36	<.0001
<b>Start + new + re-started use</b>					
DRSP vs LNG	196 / 144	<b>1.96</b>	1.57	2.44	<.0001
DRSP vs 3rd gen	196 / 780	<b>1.07</b>	0.91	1.25	0.4268
Desogestrel vs LNG	161 / 144	<b>1.85</b>	1.48	2.32	<.0001
Gestodene vs LNG	619 / 144	<b>1.83</b>	1.53	2.20	<.0001
<b>All categories</b>					
DRSP vs LNG	266 / 167	<b>2.00</b>	1.64	2.43	<.0001
DRSP vs 3rd gen	266 / 939	<b>1.06</b>	0.92	1.21	0.4283
Desogestrel vs LNG	201 / 167	<b>1.88</b>	1.53	2.31	<.0001
Gestodene vs LNG	738 / 167	<b>1.89</b>	1.60	2.24	<.0001

1) Adjust RR: Adjusted for age, year and education.

LNG = COC with levonorgestrel phasic + combined and 30-40 µg EE..

Desogestrel = COC with desogestrel and 30 µg EE.

Gestodene = COC with gestodene and 30 µg EE

DRSP = COC with drospirenone and 30 µg EE.

3<sup>rd</sup> gen = COC with third generation progestogens (desogestrel or gestodene) and 30 µg EE