Supplement 1: Pelvic floor symptoms between the four different levator ani muscle (LAM) state groups for the time before and during pregnancy

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| **Questions** | **Before pregnancy** | **During pregnancy** |
| Intact n=142 (67%) | Hematoma n=31 (14.6%) | PAVn=14 (6.6%) | CAVn=25 (11.8%) | p-value | Intact n=142 (67%) | Hematoma n=31 (14.6%) | PAV n=14 (6.6%) | CAV n=25 (11.8%) | p-value |
| 1. I lost urine involuntary/ against my will
* Never
* Sometimes
* Daily
* Missing data
 | 124 (87.3)12 (8.5)0 (0.0)6 (4.2) | 27 (87.1)2 (6.5)0 (0.0)2 (6.5) | 14 (100.0)0 (0.0)0 (0.0)0 (0.0) | 23 (92.0) 2 (8.0)0 (0.0)0 (0.0) | .703 | 63 (44.4)65 (45.8)8 (5.6)6 (4.2) | 14 (45.2)12 (38.7)2 (6.5)3 (9.7) | 7 (50.0)6 (42.9)1 (7.1)0 (0.0) | 15 (60.0)10 (40.0)0 (0.0)0 (0.0) | .828 |
| 1. I lost stool involuntary/ against my will
* Never
* Sometimes
* Daily
* Missing data
 | 133 (93.7)3 (2.1)0 (0.0)6 (4.2) | 29 (93.5)0 (0.0)0 (0.0)2 (6.5) | 13 (92.9)0 (0.0)0 (0.0)1 (7.1) |  25 (100.0)0 (0.0)0 (0.0)0 (0.0) | .682 | 129 (90.8)6 (4.2)1 (0.7)6 (4.2) | 27 (87.1)1 (3.2)0 (0.0)3 (9.7) | 13 (92.9)0 (0.0)0 (0.0)1 (7.1) | 24 (96.0)1 (4.0)0 (0.0)0 (0.0) | .981 |
| 1. I lost gas involuntary/ against my will
* Never
* Sometimes
* Daily
* Missing data
 | 88 (62.0)45 (31.7)3 (2.1)6 (4.2) | 20 (64.5)9 (29.0)0 (0.0)2 (6.5) | 8 (57.1)6 (42.9)0 (0.0)0 (0.0) | 17 (68.0)8 (32.0)0 (0.0)0 (0.0) | .902 | 54 (38.0)68 (47.9)13 (9.1)7 (4.9) | 11 (35.5)16 (51.6)1 (3.2)3 (9.7) | 8 (57.1)6 (42.9)0 (0.0)0 (0.0) | 9 (36.0)16 (64.0)0 (0.0)0 (0.0) | .341 |
| 1. I had burning/painful sensations during defecation
* never
* sometimes
* always
* Missing data
 | 106 (74.6)30 (21.1)0 (0.0)6 (4.2) | 20 (64.5)9 (29.0)0 (0.0)2 (6.5) | 11 78.6)3 (21.4)0 (0.0)1 (7.1) | 19 (72.0)6 (24.0)0 (0.0)0 (0.0) | .775 | 93 (65.5)43 (30.30 (0.0)6 (4.2) | 15 (48.4)12 (38.7)1 (3.2)3 (9.7) | 9 (64.3)5 (35.7)0 (0.0)0 (0.0) | 17 (68.0)8 (32.0)0 (0.0)0 (0.0) | .241 |
| 1. I had burning/painful sensations during sexual intercourse
* never
* sometimes
* always
* Missing data
 | 90 (63.4)45 (31.7)0 (0.0)7 (4.9) | 17 (54.8)12 (38.7)0 (0.0)2 (6.5) | 12 (85.7)2 (14.3)0 (0.0)0 (0.0) | 15 (56.0)9 (36.0)1 (4.0)0 (0.0) | .107 | 85 (59.9)48 (33.8)3 (2.1)6 (4.2) | 20 (64.5)6 (19.4)0 (0.0)5 (16.1) | 13 (92.9)1 (7.1)0 (0.0)0 (0.0) | 16 (64.0)8 (32.0)0 (0.0)1 (4.0) | .279 |
| 1. I had a feeling of discomfort/ foreign body in the vagina
* never
* sometimes
* daily
* Missing data
 | 129 (90.8)6 (4.2)0 (0.0)7 (4.9) | 28 (90.3)1 (3.2)0 (0.0)2 (6.5) | 14 (100)0 (0.0)0 (0.0)0 (0.0) | 25 (100.0)0 (0.0)0 (0.0)0 (0.0) | .616 | 119 (83.8)15 (10.6)1 (0.7)7 (4.9) | 25 (80.6)2 (6.5)0 (0.0)4 (12.9) | 13 (92.9)1 (7.1)0 (0.0)0 (0.0) | 22 (88.0)3 (12.0)0 (0.0)0 (0.0) | .983 |
| 1. I had the feeling of something squeezing downwards into the vagina
* never
* sometimes
* daily
* Missing data
 | 131 (92.3)4 (2.8)0 (0.0)7 (4.9) | 29 (93.5)0 (0.0)0 (0.0)2 (6.5) | 13 (92.9)1 (7.1)0 (0.0)0 (0.0) | 25 (100.0)0 (0.0)0 (0.0)0 (0.0) | .427 | 92 (64.8)22 (15.5)3 (2.1)25 (17.6) | 14 (45.2)7 (22.6)0 (0.0)10 (32.3) | 8 (57.1)3 (21.4)1 (7.1)2 (14.3) | 13 (52.0)6 (24.0)0 (0.0)6 (24.0) | .431 |

Values in n (%), PAV= partial avulsion, CAV= complete avulsion