## Appendix 1. ICD-9 Procedure and Diagnosis Codes

ICD-9 Procedure Codes for Gynecologic
Surgeries
$0.1,0.11,0.14,0.17,0.28,0.4,0.45,0.66,1.1,1.51,2.12,2.21,3.31,3.9,3.91,3.93$, $3.95,4.43,4.81,4.92,4.93,5.24,5.31,6.11,17.13,17.33,17.36,17.41,17.42,17.43$, 17.49, 23.09, 27.24, 31.1, 31.42, 33.21, 33.22, 33.23, 33.24, 33.27, 34.04, 34.09, 34.2, 34.2, 34.23, 34.24, 34.27, 34.81, 34.84, 34.91, 34.92, 36.06, 37.12, 37.22, 37.72, 37.83, 37.94, 38.57, 38.67, 38.7, 38.8, 38.86, 38.87, 38.91, 38.93, 38.95, 38.97, 38.99, 39.3, 39.31, 39.32, 39.5, 39.79, 39.95, 39.98, 40.11, 40.19, 40.24, 40.29, 40.3, 40.52, 40.53, 40.54, 40.59, 41.31, 41.42, 41.5, 41.99, 43.11, 43.19, 43.42, 43.89, 44.39, 44.43, 44.99, 45.13, 45.15, 45.16, 45.23, 45.24, 45.25, 45.26, 45.31, 45.33, 45.34, 45.41, 45.49, 45.61, 45.62, 45.72, 45.73, 45.74, 45.75, 45.76, 45.79, 45.8, 45.9, 45.91, 45.93, 45.94, 45.95, 46.01, 46.03, 46.1, 46.11, 46.13, 46.2, 46.21, 46.23, 46.32, 46.39, 46.42, 46.51, 46.52, $46.64,46.73,46.75,46.79,46.82,46.93,46.99,47.01,47.09,47.11,47.19,48,48.21$, 48.23, 48.24, 48.29, 48.34, 48.35, 48.52, 48.62, 48.63, 48.69, 48.71, 48.75, 48.76, 48.82, 48.99, 49.01, 49.03, 49.04, 49.12, 49.21, 49.22, 49.23, 49.31, 49.39, 49.46, 49.49, 49.71, $49.79,50.11,50.12,50.14,50.23,50.26,50.29,50.3,50.61,51.22,51.23,51.93,52.12$, 52.22, 52.4, 52.52, 52.59, 53.02, 53.29, 53.41, 53.42, 53.43, 53.49, 53.51,.59, 53.61, 53.62, 53.63, 53.69, 53.71, 53.9, 54, 54.11, 54.12, 54.19, 54.21, 54.22, 54.23, 54.24, 54.25, 54.3, 54.4, 54.51, 54.59, 54.61, 54.62, 54.63, 54.64, 54.72, 54.74, 54.75, 54.91, 54.92, 54.93, 54.95, 54.96, 54.98, 54.99, 55.03, 55.32, 55.4, 55.51, 55.93, 56.41, 56.51, $56.52,56.74,56.75,56.82,56.89,57,57.12,57.17,57.18,57.32,57.33,57.34,57.41$, 57.49, 57.59, 57.6, 57.79, 57.81, 57.84, 57.87, 57.89, 57.93, 57.94, 57.95, 57.99, 58, $58.22,58.23,58.24,58.31,58.39,58.41,58.43,58.5,58.6,58.99,59,59.02,59.03$, 59.09, 59.11, 59.12, 59.3, 59.4, 59.5, 59.6, 59.71, 59.79, 59.8, 59.92, 59.99, 64, 65.01, 65.09, 65.11, 65.12, 65.13, 65.22, 65.24, 65.25, 65.29, 65.31, 65.39, 65.41, 65.49, 65.51, 65.52, 65.53, 65.54, 65.61, 65.62, 65.63, 65.64, 65.71, 65.74, 65.75, 65.76, 65.79, 65.81, 65.89, 65.91, 65.93, 65.95, 65.99, 66.01, 66.02, 66.11, 66.22, 66.29, 66.32, 66.39, 66.4, 66.51, 66.52, 66.61, 66.62, 66.69, 66.79, 66.8, 66.91, 66.92, 66.94, 66.95, 66.99, 67, 67.11, 67.12, 67.2, 67.32, 67.33, 67.39, 67.4, 67.51, 67.59, 67.61, 67.69, 68, 68.11, 68.12, 68.13, 68.14, 68.15, 68.16, 68.21, 68.22, 68.23, 68.24, 68.25, 68.29, 68.31, 68.39, 68.4, 68.41, 68.49, 68.51, 68.59, 68.6, 68.61, 68.69, 68.7, 68.71, 68.79, 68.8, 68.9, 69.01, 69.02, 69.09, 69.19, 69.22, 69.23, 69.29, 69.41, 69.49, 69.51, 69.52, 69.59, 69.7, 69.91, 69.93, 69.95, 69.96, 69.98, 69.99, 70.11, 70.12, 70.13, 70.14, 70.21, 70.23, 70.24, 70.31, $70.32,70.33,70.4,70.5,70.51,70.52,70.53,70.54,70.55,70.62,70.71,70.73,70.75$, $70.76,70.77,70.78,70.79,70.8,70.91,70.92,70.93,70.94,70.95,71.01,71.09,71.11$, 71.22, 71.23, 71.24, 71.3, 71.4, 71.5, 71.61, 71.62, 71.71, 71.72, 71.79, 71.8, 71.9, 72, 72.52, 72.54, 72.71, 72.79, 72.9, 73.01, 73.09, 73.1, 73.4, 73.59, 73.6, 74, 74.1, 74.3, $74.4,74.91,75,75.1,75.32,75.34,75.35,75.36,75.37,75.4,75.51,75.61,75.62,75.69$, 75.7, 75.8, 75.91, 75.92, 75.99, 77.69, 77.89, 78.69, 79.08, 79.39, 79.67, 79.49, 80.6, 82.21, 83.09, 83.21, 83.39, 83.4, 83.44, 83.45, 83.65, 83.82, 83.87, 83.95, 83.97, 85, 85.21, 85.23, 85.32, 85.42, 85.43, 85.54, 85.55, 85.6, 85.86, 85.87, 85.89, 85.96, 86.02, 86.04, 86.05, 86.06, 86.07, 86.09, 86.11, 86.22, 86.28, 86.3, 86.4, 86.59, 86.63, 86.67, 86.74, 86.83, 86.84, 86.87, 86.94, 86.95, 86.96, 86.97, 87.03, 87.41, 87.43, 87.44, 87.53, 87.74, 87.75, 87.77, 87.78, 87.82, 87.83, 88.01, 88.19, 88.23, 88.26, 88.38, 88.42, 88.45, 88.47, 88.48, 88.49, 88.51, 88.53, 88.55, 88.56, 88.62, 88.66, 88.72, 88.73, 88.74, 88.76, 88.78, 88.79, 88.93, 88.95, 89.24, 89.26, 89.34, 89.36, 89.38, 89.39, 89.49, 89.52, 89.62, 89.64, 89.7, 91.46, 92.16, 92.27, 92.28, 92.29, 93.01, 93.56, 93.59, 93.9, 93.94, 96.04, 96.05, 96.07, 96.09, 96.14, 96.16, 96.18, 96.25, 96.38, 96.47, 96.49, 96.59, 96.6, 96.71,

|  | $96.72,97.23,97.25,97.55,97.61,97.62,97.71,97.74,97.75,97.79,97.82,97.85,97.89$, |
| :--- | :--- |
|  | $98.16,98.17,98.19,99.04,99.05,99.06,99.07,99.1,11,99.14,99.15,99.2,99.21$, |
| $99.23,99.24,99.25,99.29,99.52,99.55,99.57,99.6,99.62,99.63,99.71,99.77$ |  |
| ICD-9 Diagnosis | $415.1,415.11,415.12,415.13,415.19,451,451.1,451.11,451.19,451.2,451.8,451.81$, |
| Codes for Venous | $451.82,451.83,451.84,451.89,451.9,452,453,453.1,453.2,453.3,453.4,453.41$, |
| Thromboembolisms | $453.42,453.6,453.72,453.8,453.81,453.82,453.83,453.84,453.85,453.86,453.87$, |
|  | $453.89,453.9,671,671.3,671.3,671.31,671.33,671.4,671.4,671.42,671.44,671.5$, |
|  | $671.5,671.51,671.52,671.53,671.54,671.9,671.9,671.91,671.92,671.93,671.94$, |
|  | $673,673.2,673.2,673.21,673.22,673.23,673.24$ |

Jorgensen EM, Li A, Modest AM, Leung K, Moore Simas TA, Hur H-C. Incidence of venous thromboembolism after different modes of gynecologic surgery. Obstet Gynecol 2018; 132.
The authors provided this information as a supplement to their article.

## Appendix 2. Distribution of surgeries by institution

| Institution | BIDMC |  |  |  | UMMHC |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Type of <br> Surgery | All Surgery <br> $\mathrm{n}=24903$ | Hysterectomy <br> $\mathrm{n}=4196$ | Myomectomy <br> $\mathrm{n}=1432$ | Other <br> $\mathrm{n}=19272$ | All Surgery <br> $\mathrm{n}=18848$ | Hysterectomy <br> $\mathrm{n}=4077$ | Myomectomy <br> $\mathrm{n}=1419$ | Other <br> $\mathrm{n}=13352$ |
| Abdominal | $3436(13.8)$ | $2067(49.3)$ | $550(38.4)$ | $1017(5.3)$ | $3564(18.9)$ | $2630(64.5)$ | $95(6.7)$ | $839(6.3)$ |
| Laparoscopic | $5876(23.6)$ | $1857(44.3)$ | $189(13.2)$ | $3830(19.9)$ | $4697(24.9)$ | $951(23.3)$ | $244(17.2)$ | $3502(26.2)$ |
| Vaginal | $15393(61.8)$ | $272(6.5)$ | $693(48.4)$ | $14428(74.9)$ | $10587(56.2)$ | $496(12.2)$ | $1080(76.1)$ | $9011(67.5)$ |

Data are presented as n (\%).

