The Million Dollar Cesarean

Kristen Terlizzi
@kristenterlizzi
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Cesareans are Common

- Patients are already familiar with the term and know people who have had them

- A baby is involved, patients may not consider a cesarean as they would any other major surgery
Maternal death may occur despite optimal planning, transfusion management, and surgical care (ACOG)
United States Cesarean Rates

- 6% of births in 1980s
- 32% of births in 2016
placenta accreta rates have quadrupled since the 1980s

1980s: 1 in 1,250 pregnancies
2002: 1 in 533 pregnancies
2010: 1 in 333 pregnancies
2016: 1 in 272 pregnancies

Placenta accreta now affects 1 in 272 pregnancies
Complex Delivery Planning

- Gynecological Oncologists
- Interventional Radiologists
- Maternal-Fetal Medicine Medicine Specialists
- Neonatologists
- Obstetric Anesthesiologists
- Urologists
Disseminated Intravascular Coagulation (DIC)

Underlying disorder

Systemic activation of coagulation

Enhanced fibrin formation

Microvascular thrombosis

Organ failure

Consumption of platelets and clotting factors

Bleeding
What was the future cost of my primary cesarean?

<table>
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<th>Description</th>
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<tr>
<td>Accreta Diagnosis</td>
<td>$8,101.00</td>
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<td>Office visit, ultrasound, MRI – 6/26/14 – 6/30/14</td>
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<tr>
<td>Mom’s Hospitalization #1</td>
<td>$805,372.30</td>
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<td>Cesarean delivery, exploratory laparotomy, uterine artery embolization, 11 days antepartum, 3 days ICU, 34 days gynecological oncology – 7/5/14 – 8/20/14</td>
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<td>Infant Hospitalization</td>
<td>$376,997.50</td>
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<td>Born electively due to mother’s condition at 33w6d; 1 day NICU, 25 days Intermediate Care Nursery – 7/16/14 – 8/10/14</td>
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<td>Mom’s Hospitalization #2</td>
<td>$347,881.35</td>
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<td>Emergent readmittance for DIC, hysterectomy with cervix, bladder resection, appendectomy, ureter re-implantation, 26 units of blood products, post op CT scan, 2 days ICU, 6 days gynecological oncology unit – 9/4/14 – 9/12/14</td>
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<td>2014 Recovery</td>
<td>$22,493.96</td>
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<td>1 ER visit for post op bladder infection, 4 in home nursing visits, multiple urology and gyn oncology follow up visits, stent removal, 14 pharmacy claims – 9/12/14 – 12/30/14</td>
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The Future Cost of my Cesarean

In 2012, my cesarean was billed at $38,384.77

In 2014, my resulting placenta accreta delivery was billed at

$1,560,846.11
Promoting Vaginal Birth

60% The increase in national C-Section rates from 1996 to 2011.

24.7% The Healthy People 2020 NTSV C-Section rate goal.

11-44% The range of NTSV C-Section rates among Illinois hospitals in 2017.
The Quest to Untangle Why Pregnancy Can Turn Deadly

A poorly understood condition results in placentas that aggressively invade the mother, which can lead to death and preterm birth.

California decided it was tired of women bleeding to death in childbirth

The maternal mortality rate in the state is a third of the American average. Here's why.

Kristen Terlizzi's Patient Story

Patient Safety Movement
Published on Feb 25, 2018

www.preventaccreta.org/kristen