|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Prevalence rank | Cost Rank | ICC1 | # of PHIS2 hospitals with excessive over-expenditures > $50,000 when compared with mean | Median total cases per PHIS hospital (2004-2009) |
| **Otitis Media, Unspecified**  **{s}** | 1 | 19 | 0.22 | 5 | 4728 |
| **Hypertrophy Of Tonsils And Adenoids**  **{s}** | 2 | 9 | 0.3 | 9 | 4804 |
| **Asthma**  **{m}** | 3 | 6 | 0.09 | 17 | 3249 |
| **Bronchiolitis**  **{m}** | 4 | 8 | 0.04 | 15 | 2710 |
| **Pneumonia**  **{m}** | 5 | 2 | 0.04 | 16 | 2550 |
| **Dental Caries**  **{s}** | 6 | 27 | 0.22 | 5 | 1207 |
| **Chemotherapy**  **{m}** | 7 | 3 | 0.12 | 17 | 2431 |
| **Cellulitis**  **{m}** | 8 | 15 | 0.05 | 16 | 1993 |
| **Inguinal Hernia**  **{s}** | 9 | 48 | 0.25 | 9 | 1628 |
| **Gastroesophageal Reflux And Esophagitis**  **{m, s}** | 10 | 23 | 0.03 | 12 | 1329 |
| **Dehydration**  **{m}** | 11 | 36 | 0.07 | 11 | 1216 |
| **Redundant Prepuce And Phimosis**  **{s}** | 12 | 66 | 0.00 | 3 | 957 |
| **Abdominal Pain**  **{m}** | 13 | 56 | 0.09 | 8 | 929 |
| **Other Convulsions**  **{m}** | 14 | 37 | 0.06 | 13 | 906 |
| **Urinary Tract Infection**  **{m}** | 15 | 33 | 0.06 | 13 | 971 |
| **Acute Appendicitis Without Peritonitis**  **{s}** | 16 | 24 | 0.19 | 15 | 809 |
| **Eso- Exo- Hetero- And Hyper-Tropia**  **{s}** | 17 | 64 | 0.34 | 7 | 782 |
| **Fever**  **{m}** | 18 | 51 | 0.05 | 14 | 840 |
| **Seizures W And W/O Intractable Epilepsy**  **{m}** | 19 | 35 | 0.04 | 16 | 769 |
| **Sickle Cell Disease With Crisis**  **{m}** | 20 | 28 | 0.09 | 13 | 650 |

Supplemental Table: 20 Prioritized Conditions

*Selected conditions did not need to meet all study criteria. Prevalence, cost and ICC data previously published (Keren et al. 2012)*

*1ICC: Intra-class Correlation Coefficient (>0.1 was deemed high variation)*

*2PHIS: Pediatric Health Information System (a database including administrative and billing data). There were 38 US/Canadian Children’s hospitals represented in this study.*