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**Time-Driven Activity Based Costing of
Management Options for Vesicoureteral Reflux**

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Background and Methods

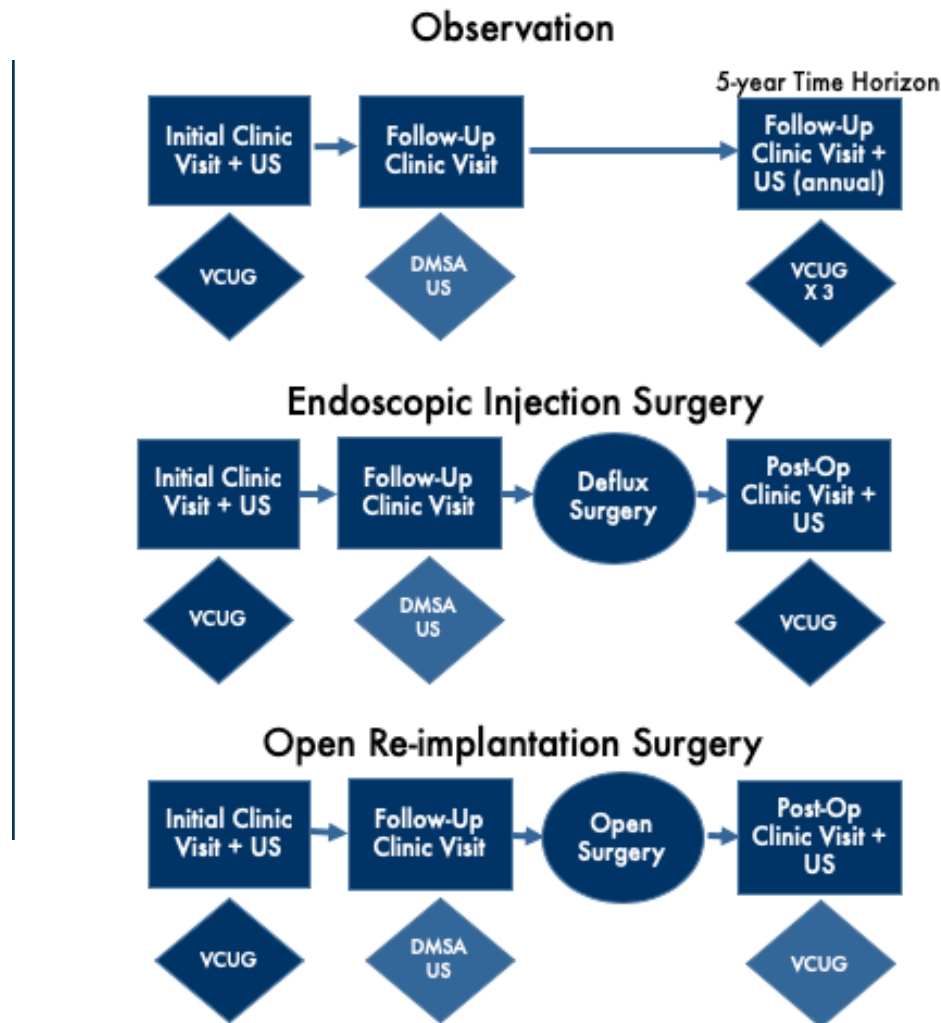
Patient Case



Presentation of 3-year old with 1st febrile UTI:

- No bowel-bladder dysfunction
- Unilateral Grade 3 Reflux
- No breakthrough UTIs

Management Pathways



Light blue shading indicates optional imaging

Time-Driven Activity-Based Costing

Process Maps



Capacity Cost Rates



Time Estimates



Main Findings

Pathways

Open Re-Implantation

Endoscopic Injection

Observation

\$- \$500.00 \$1,000.00 \$1,500.00 \$2,000.00 \$2,500.00 \$3,000.00 \$3,500.00 \$4,000.00 \$4,500.00

| | Observation/CAP | Endoscopic Injection | Open Re-Implantation |
|--------------------------------------|-----------------|----------------------|----------------------|
| ■ Two Vial Implant (All Imaging) | — | \$4,012.89 | — |
| ■ Two Vial Implant (Limited Imaging) | — | \$3,655.35 | — |
| ■ All Imaging | \$2,041.12 | \$2,973.89 | \$3,924.82 |
| ■ Limited Imaging | \$1,683.58 | \$2,616.35 | \$3,317.76 |