Number of Title/Abstracts Screened in PubMed Search: 2121

- Non-English: 740
- No treatment specific cohort: 910
- Reviews, commentaries, letters, meta-analyses: 137
- Combination operations: 68
- <5 patients: 58
- No appropriate age stratification: 14

Eligible Studies: 194

Duplicate studies: 59

Studies Identified in Literature Search: 135

Additional Studies Identified from references: 11

Full Text Studies Screened: 146

- No appropriate age stratification: 49
- <5 Patients: 7
- >20% Recurrent: 3
- Non-English: 3
- No appropriate treatment specific cohort: 37

Eligible Studies: 44

Duplicate or overlapping studies: 5

Number of Studies in Final Literature Set: 39

- Pediatric Nuss: 22
- Adult Nuss: 8
- Pediatric Ravitch: 11
- Adult Ravitch: 3
- Pediatric Robicsek: 2
- Adult Implant: 3

Some studies appear in multiple groups.