

Wrong-Site Surgery: A Study of 664 Events From 237 Facilities Across a 10-Year Period

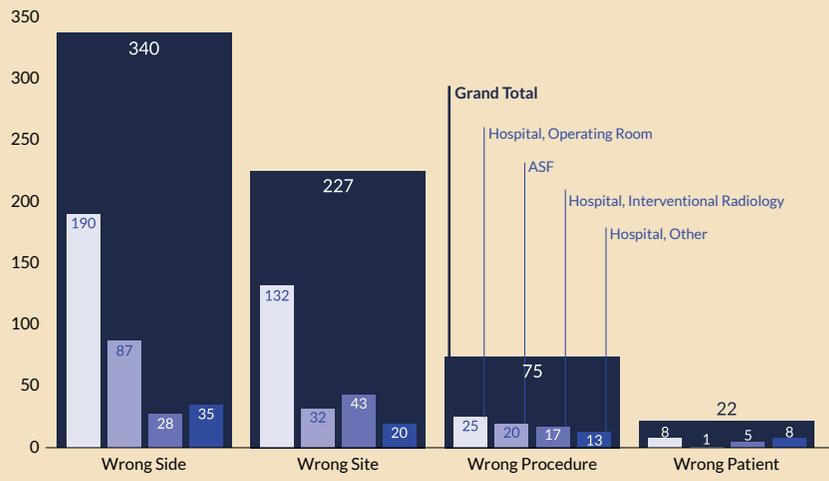
Frequency of WSS Events Across Year of Occurrence and Error Type



Wrong Side	44	33	42	38	36	30	19	33	31	34
Wrong Site	29	24	25	22	16	15	24	23	33	16
Wrong Procedure	10	11	10	11	6	2	6	5	8	6
Wrong Patient	0	3	3	4	0	2	4	2	2	2

Note: The bars indicate the total annual frequency aggregated across all error types, while each line illustrates the yearly frequency specific to an individual error type.

Frequency of WSS Events Across Error Type, Facility Type, and Hospital Procedure Location



Note: The figure displays the frequency of WSS during 2015–2024. For each error type, the main bar reflects the grand total of events across the four nested bars. The acute care hospital category encompasses children's hospitals, critical access hospitals, and long-term acute care hospitals. ASF=individually licensed ambulatory surgical facilities, Other=variety of settings mutually exclusive to OR and IR.

664 wrong-site surgery (WSS) events occurred in Pennsylvania from 2015–2024: an **average of 1.28 per week**.

This article shows that WSS has a **multifactorial relationship with the variables targeted** in this study.

The frequency of WSS depended on several variables, including **facility type, hospital bed size, hospital procedure location, error type, clinician specialty, body region/part, and procedure**.