Congenital Cardiovascular Interventional Study Consortium

November 08, 2026

RE: Rolling Median Graph for Radiation Dose Tracking

Dear CRISP Registry Users,

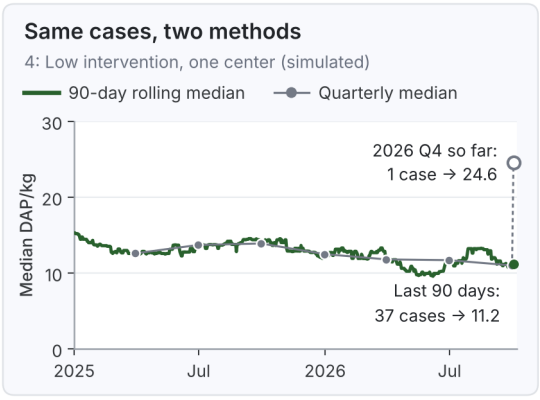
We are pleased to introduce a major upgrade to the CRISP Registry interface: a real-time rolling median graph of radiation dose. Radiation dose is one of our primary safety outcomes, and tracking it is critical for quality assurance and improvement.

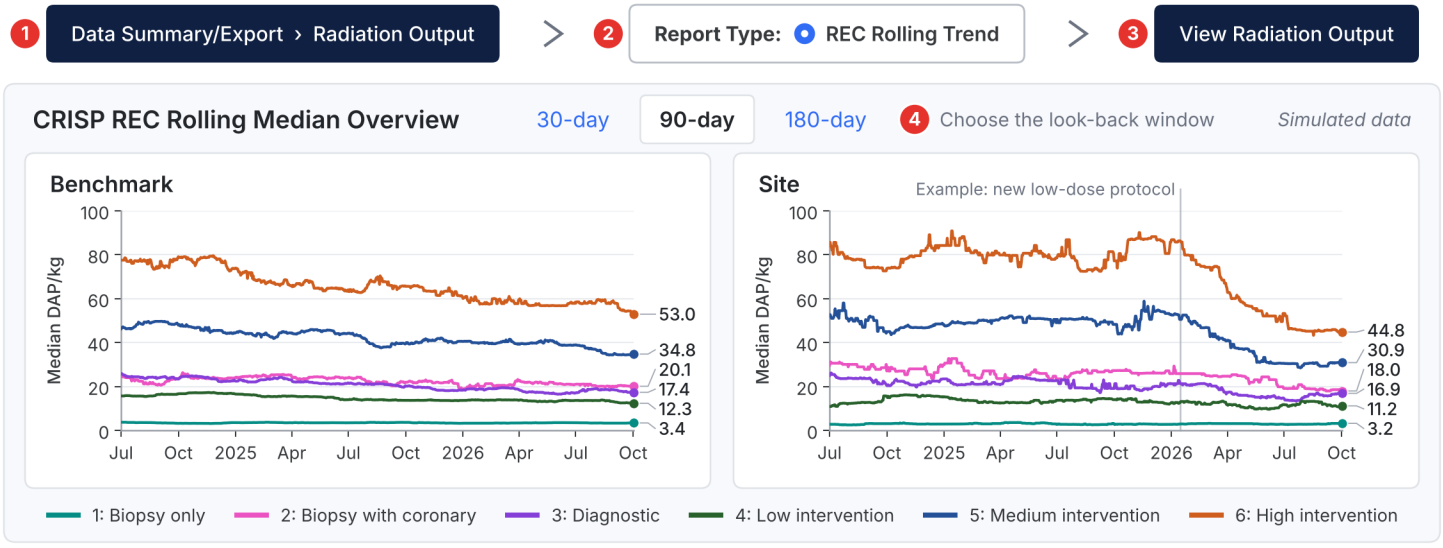
How the rolling median works

Each day, the graph plots the median DAP/kg of all cases in the preceding 30, 90, or 180 days, separately for each radiation exposure category (REC). The window then moves forward one day, adding new cases and dropping the oldest. This moving-window approach is standard in quality monitoring: every point covers the same length of time, so performance can be tracked continuously and compared day to day. Your center (Site) and the registry (Benchmark) are calculated the same way.

Why it is better

- **A reliable latest value:** Our quarterly graph can mislead early in a quarter, when the median may rest on a single case (right). A rolling median always uses a full window.
- **Real time:** The graph updates as each case is entered and shows where your lab stands today.
- **A window for each purpose:** 30 days shows a change soonest (e.g., after a new low-dose protocol); 180 days gives smaller centers and rarer case types a steadier line.





Steps 1–4 open the view. Simulated example: CRISP REC, 90-day tab (C3PO REC also available); DAP/kg in μGy·m²/kg.

Because the graph is calculated live, timely data entry keeps the latest values accurate. Thank you for your continued participation in the CRISP Registry.

CRISP Registry Organizers