

DATE:	16 June 2026
TO:	Chinook Regional Hospital (CRH): Healthcare Professionals/Providers
FROM:	Clinical Biochemistry, Alberta Precision Laboratories (APL)
RE:	Implementation of Onsite Intraoperative Parathyroid Hormone (IOPTH) Testing at CRH Laboratory

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Key Message

- Effective June 23, 2026, the Chinook Regional Hospital (CRH) Chemistry laboratory will implement Intraoperative Parathyroid Hormone (IOPTH) testing for CRH patients. This will facilitate real-time monitoring of PTH concentrations during parathyroidectomy surgery and verify procedure efficacy.
 - CRH will be added to the same Connect Care IOPTH build that has been standardized provincially, with the same ordering information, test names/codes, and timepoints: [IOPTH in Connect Care](#)
 - Results obtained by the IOPTH method may differ from the standard PTH method, which is not available on-site at CRH.
 - Samples for standard PTH testing are referred to either Calgary Hub Lab (default for Lethbridge) or Edmonton Hub Lab (alternative site for testing).

Background

- Parathyroid surgery in patients with hyperparathyroidism currently requires frozen section analysis. The use of IOPTH testing can eliminate the need for frozen section analysis and reduce the time patients spend in surgery.

Action Required

- Be aware of new ordering information, test names/codes, and timepoints for IOPTH in OpTime Navigator and Epic.
- Refer to the IOPTH Lab Tests and Post-Op Workflow tip sheets on Insite for test ordering in OpTime Navigator. (Insite > Teams > Connect Care > Education Materials Library > Intraoperative Parathyroid Hormone Lab Tests Tip Sheet - Document ID CC2100)
- Be aware that the Operating Room is responsible for collecting and delivering samples to the lab through the *TM OR* window.
- Lab requires notification at 403-388- 6049 of all surgeries requiring IOPTH testing for the Lab to be properly prepared and be able to accommodate the required STAT testing.

Questions/Concerns

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Approved by

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- Dr. Allison Venner, Clinical Biochemistry Section Chief, South Sector, APL