

DATE:	3 October 2023
TO:	Relevant Calgary and Edmonton clinicians who order intraoperative parathyroid hormone (IOPTH)
FROM:	Alberta Precision Laboratories, Clinical Biochemistry
RE:	IOPTH in Connect Care

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Key Message

- Ordering information, test names/codes, and timepoints for intraoperative parathyroid hormone (IOPTH) in Connect Care are summarized in the below Table. The following ordering tip sheets are also available by searching Insite: Intraoperative Parathyroid Lab Tests and Post-Op Workflow.

IOPTH Connect Care order (barcode label)	Where to order	Description
Baseline (PTHB)	OpTime Navigator	Time 0 when patient arrives in the operating room (OR)
Pre-Excision (PTHPRE)	OpTime Navigator	Parathyroid identified.
5 minutes (PTH5)	OpTime Navigator	5 minutes after gland removal.
10 minutes (PTH10)	OpTime Navigator	10 minutes after gland removal.
20 minutes (PTH20)	OpTime Navigator	20 minutes after gland removal.
Post Excision Gland #1-4 (PTHPOSTXG1-G4)	OpTime Navigator	For multiple glands. 5 minutes after 1 st -4 th gland removal.
Other (PTHOTH)	OpTime Navigator & Order Entry	Additional times for multiple glands. Enter time points in the Clinical Comment section.
Post Surgical (PTHPOST)	OpTime Navigator & Order Entry	Post surgery either in the OR or in recovery room. Edmonton protocol.
Body fluid (IOPTHBF)	OpTime Navigator & Order Entry	Aspirate from parathyroid, lymph node, or thyroid.
Post Thyroidectomy (PTHPT)	Order Entry	Evaluate risk of hypocalcemia after thyroidectomy.

Background

- Over the past year, a working group consisting of surgeons and laboratorians in Calgary and Edmonton revised the IOPTH Connect Care build to accommodate time points used across sites and to standardize ordering workflow.
- Modifications to the build also ensured there was alignment with the OpTime Navigator in the OR and Order Entry outside of the OR.
- Post Thyroidectomy PTH and IOPTH Body Fluid are tested on the same method as IOPTH.
- Routine PTH in the community and outpatient settings are tested on a different method. Routine PTH results should not be used interchangeably with IOPTH.



Action Required

- Be aware of new ordering information, test names/codes, and timepoints for IOPTH in OpTime Navigator and Epic.
- Refer to the Intraoperative Parathyroid Lab Tests and Post-Op Workflow tip sheets on Insite for test ordering in OpTime Navigator.

Questions/Concerns

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- Dr. Albert Tsui, Clinical Biochemist, Edmonton, albert.tsui@aplabs.ca, 587-782-2674
- Dr. Josh Raizman, Clinical Biochemist, Edmonton, josh.raizman@aplabs.ca, 780-718-2402

Approved by

- Dr. Kareena Schnabl, Section Chief, Clinical Biochemistry, APL
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Effective September 1, 2023, APL has become the sole provider of all public lab services in Alberta. As a result, community lab services formally provided by DynaLIFE Medical Labs will become the responsibility of Alberta Precision Labs (APL). This change impacts all zones.