

EUROCRINE

Clinic Benchmark Report

Surgery of Primary Hyperparathyroidism
2023

EUROCRINE Benchmark Report on Operations for Primary Hyperparathyroidism in 2023



Investigated Clinic

- Markera alla
- Bröst och Endokrinkirurgiska kliniken, KS Huddinge
- Carlanderska Endokrinkirurgi
- Dubbel - Kirurgiska kliniken, Lund
- Gastro Center Skåne
- Kirurgicentrum Skåne
- Kirurgiska kliniken, Borås
- Kirurgiska kliniken, Danderyd
- Kirurgiska kliniken, Eksjö
- Kirurgiska kliniken, Falun
- Kirurgiska kliniken, Gävle
- Kirurgiska kliniken, Göteborg
- Kirurgiska kliniken, Halmstad
- Kirurgiska kliniken, Helsingborg
- Kirurgiska kliniken, Jönköping
- Kirurgiska kliniken, Kalmar
- Kirurgiska kliniken, Karlskrona
- Kirurgiska kliniken, Karlstad
- Kirurgiska kliniken, Kristianstad
- Kirurgiska kliniken, KS Solna
- Kirurgiska kliniken, Kungälv
- Kirurgiska kliniken, Linköping
- Kirurgiska kliniken, Ljungby
- Kirurgiska kliniken, Luleå
- Kirurgiska kliniken, Lund
- Kirurgiska kliniken, Norrköping
- Kirurgiska kliniken, Nyköping
- Kirurgiska kliniken, Örebro
- Kirurgiska kliniken, Östersund

Benchmark Clinics

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- Kirurgiska kliniken, Örebro
- Kirurgiska kliniken, Östersund
- Kirurgiska kliniken, Skövde

Investigated Year

- Markera alla
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025

Registered Operations for pHPT in Investigated Clinic

13



2023

Registered Operations for pHPT in Other EUROCRINE Clinics of Your Country

844



2023

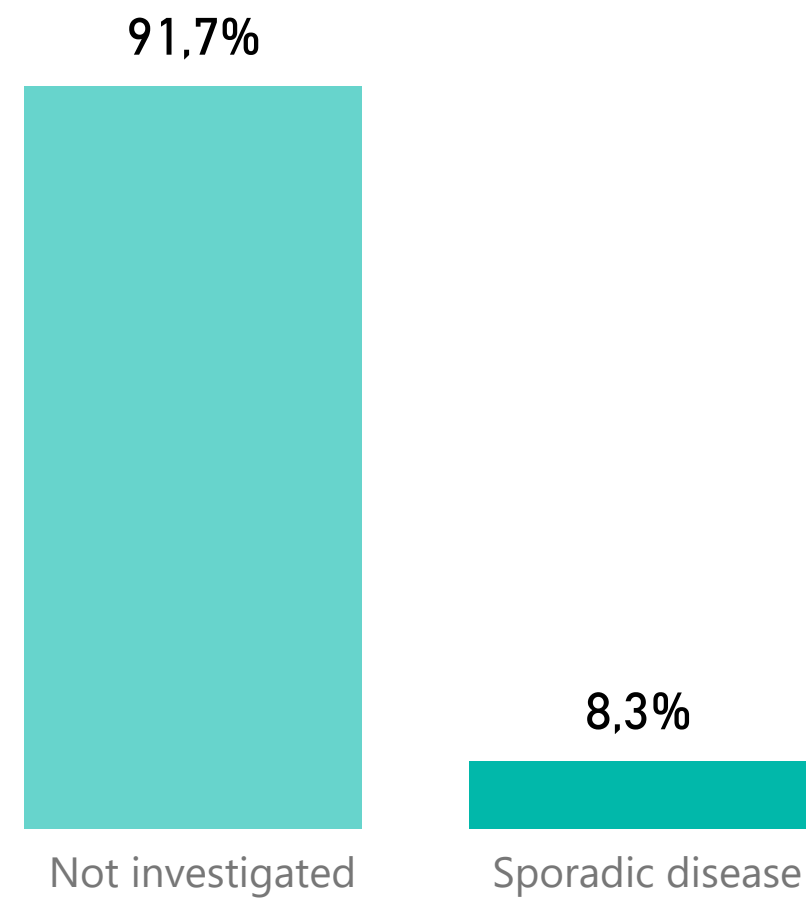
Color Coding in this Report:

Investigated Clinic

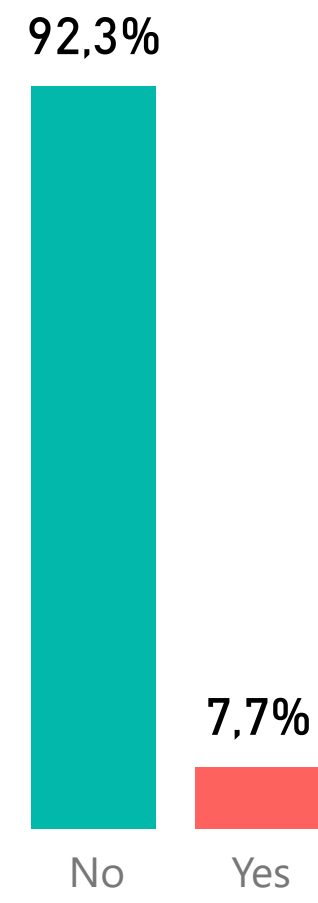
Other EUROCRINE Clinics in Your Country

Ethiology, Age Distribution

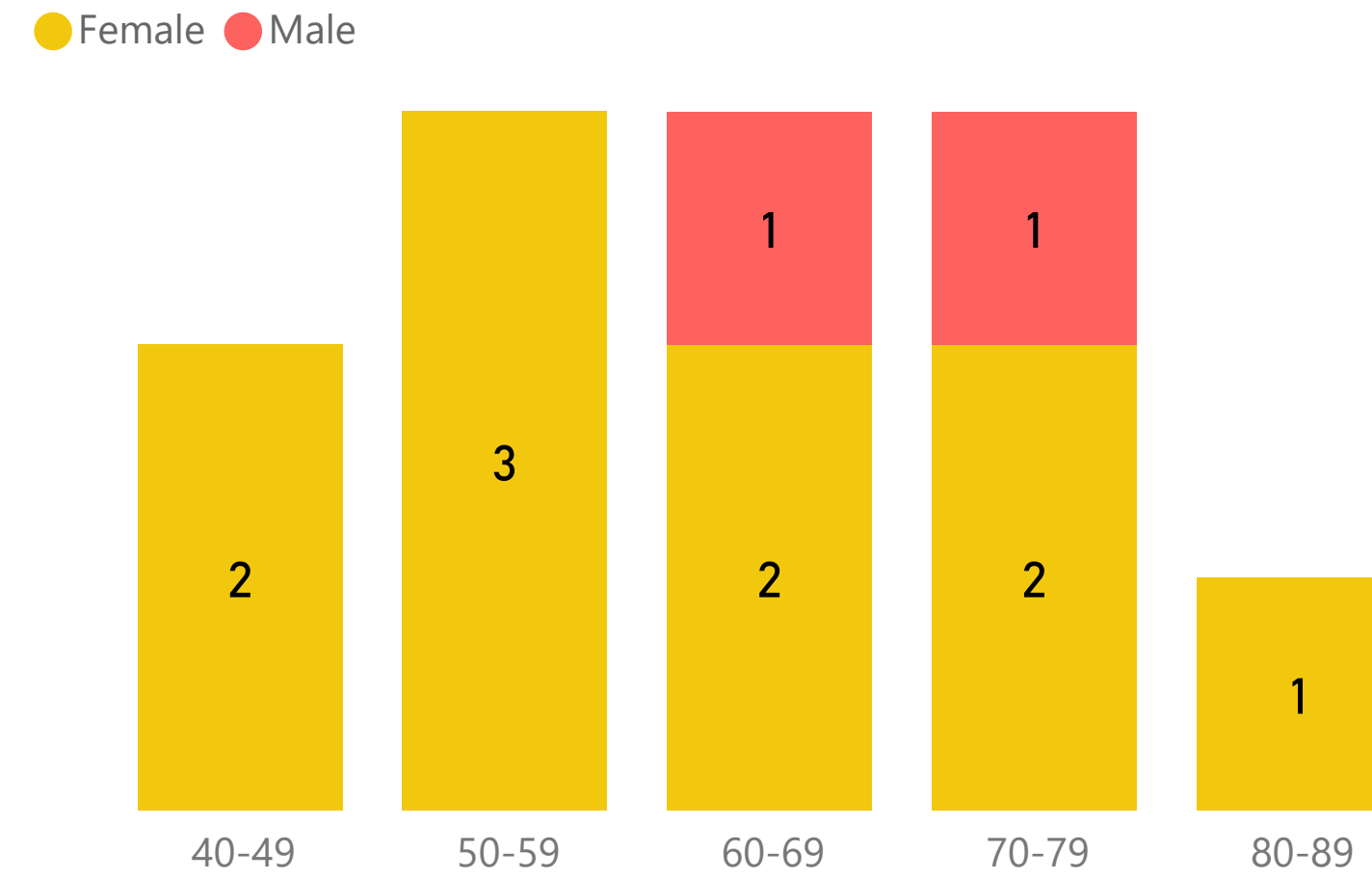
Ethiology



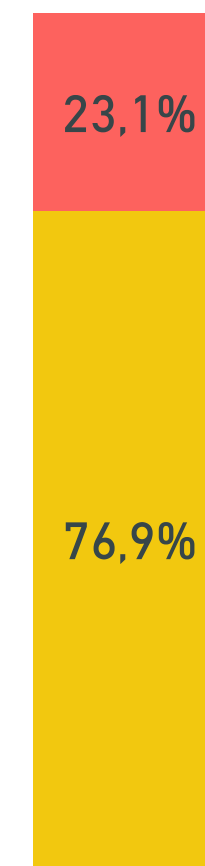
Lithium Therapy



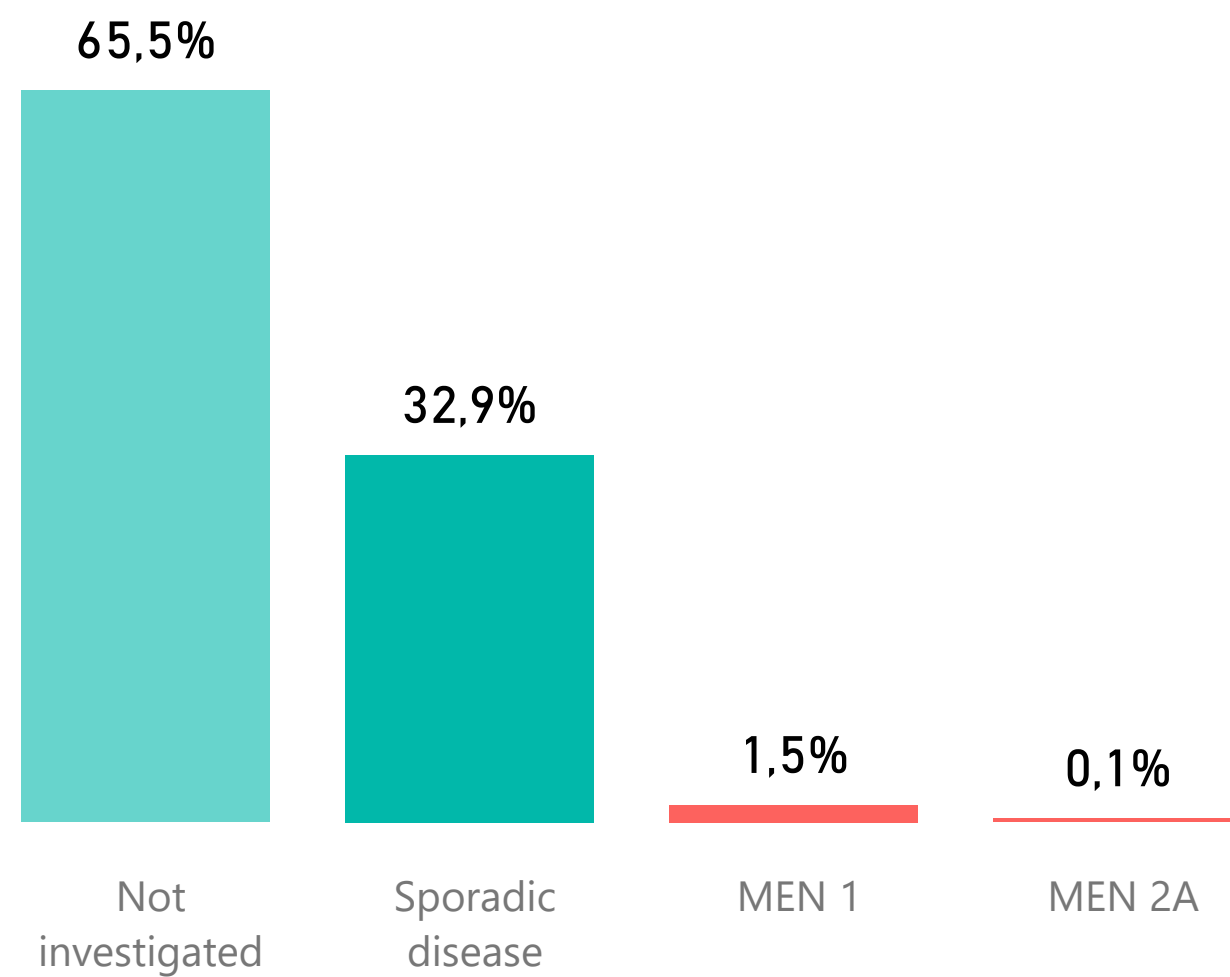
Age Distribution



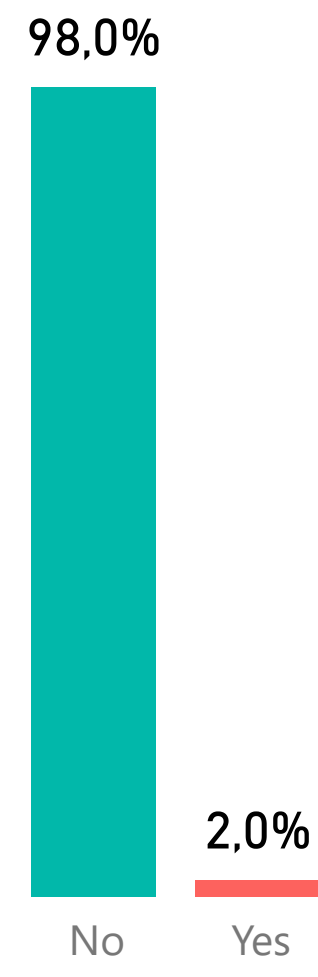
Gender Distribution



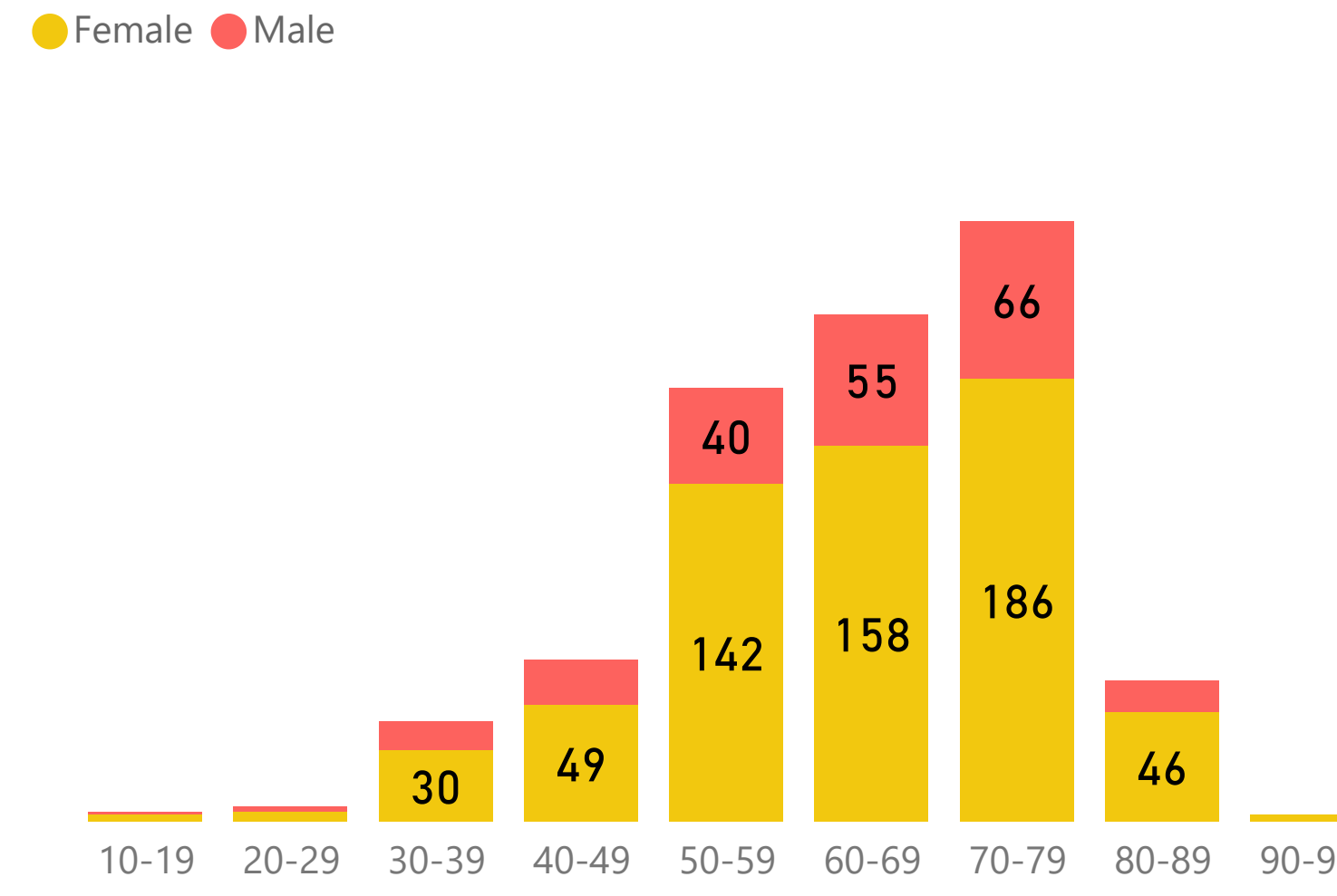
Ethiology



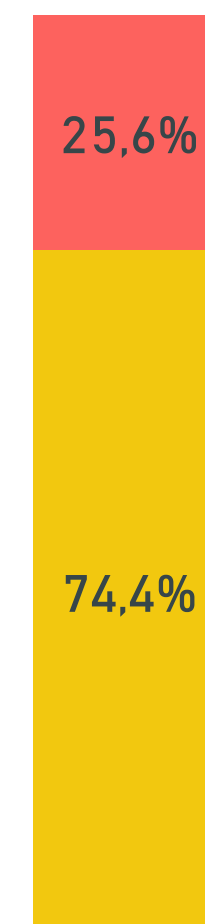
Lithium Therapy



Age Distribution

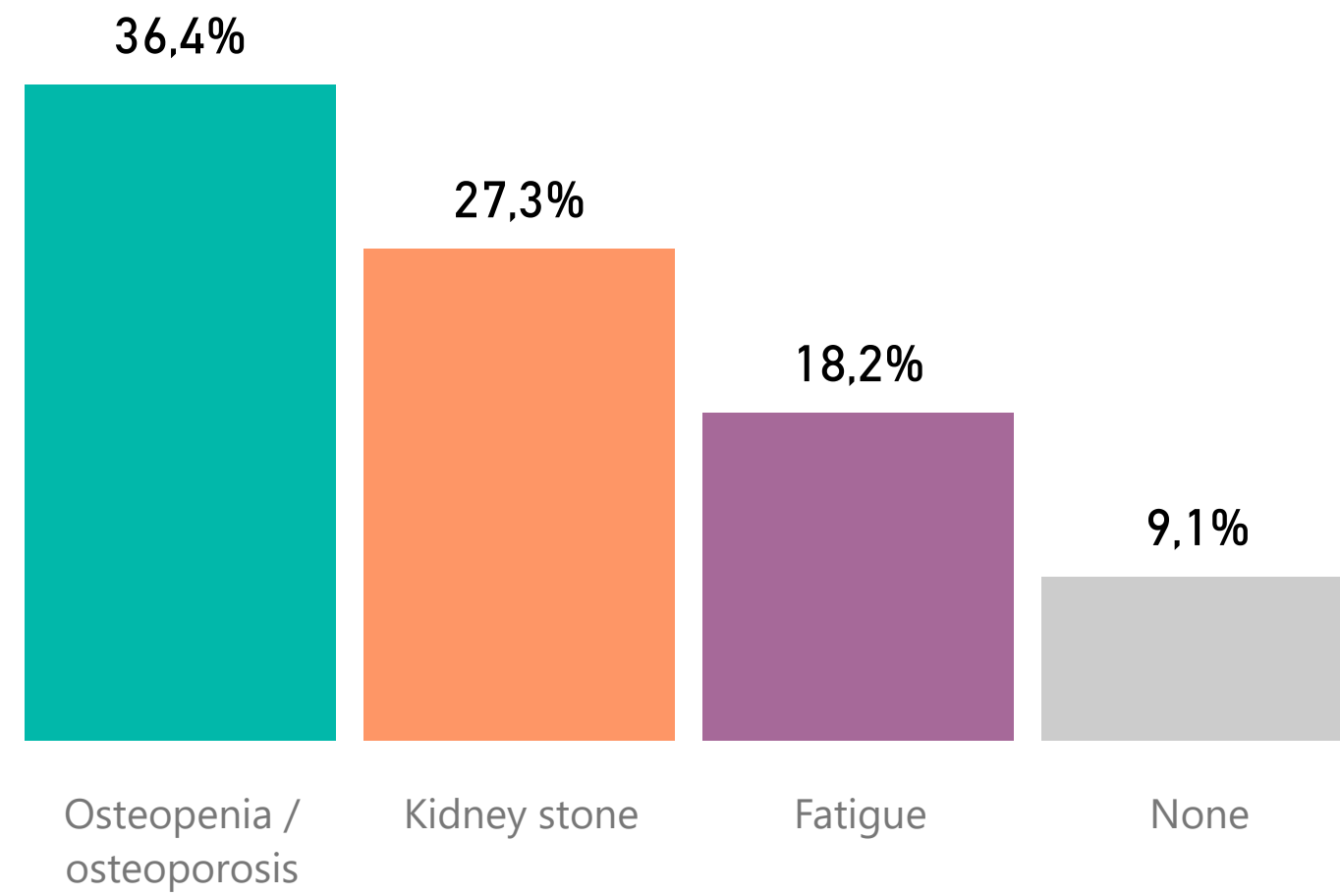


Gender Distribution

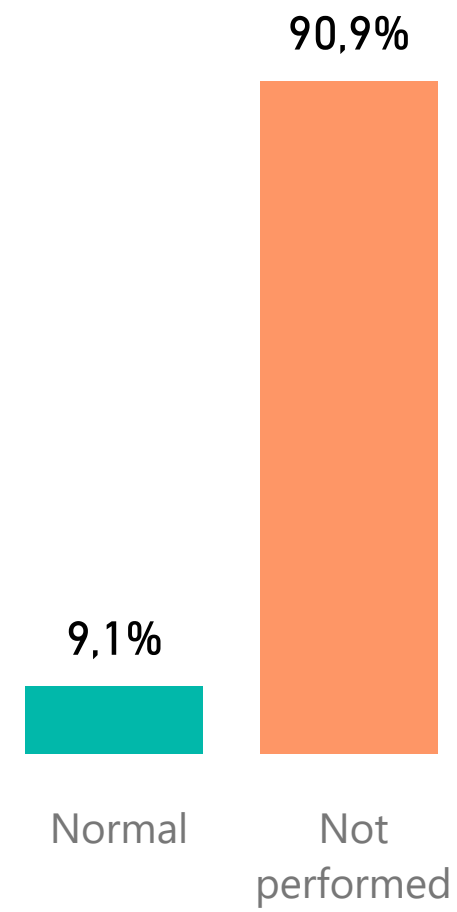


Symptomatology and Preoperative Workup, Sporadic Disease, Primary Operations

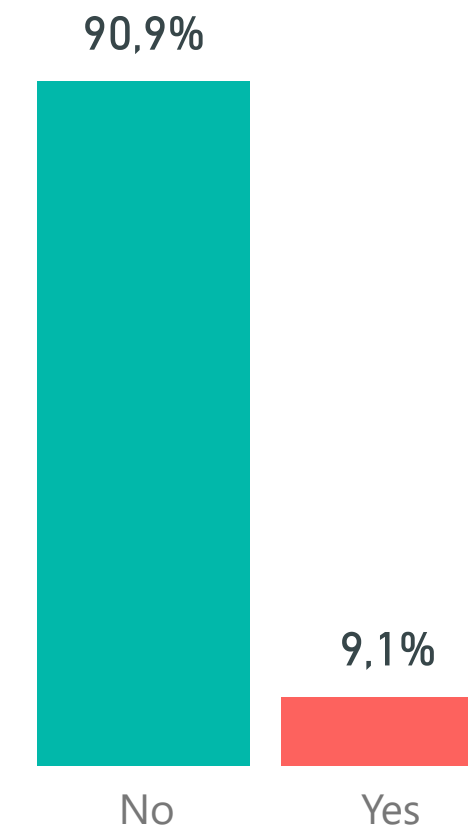
Preoperative Symptomatology



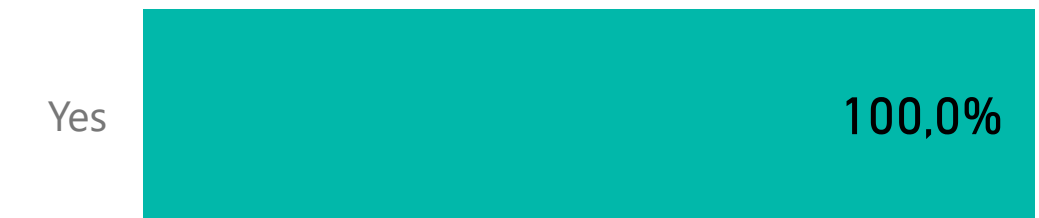
Preoperative Laryngoscopy



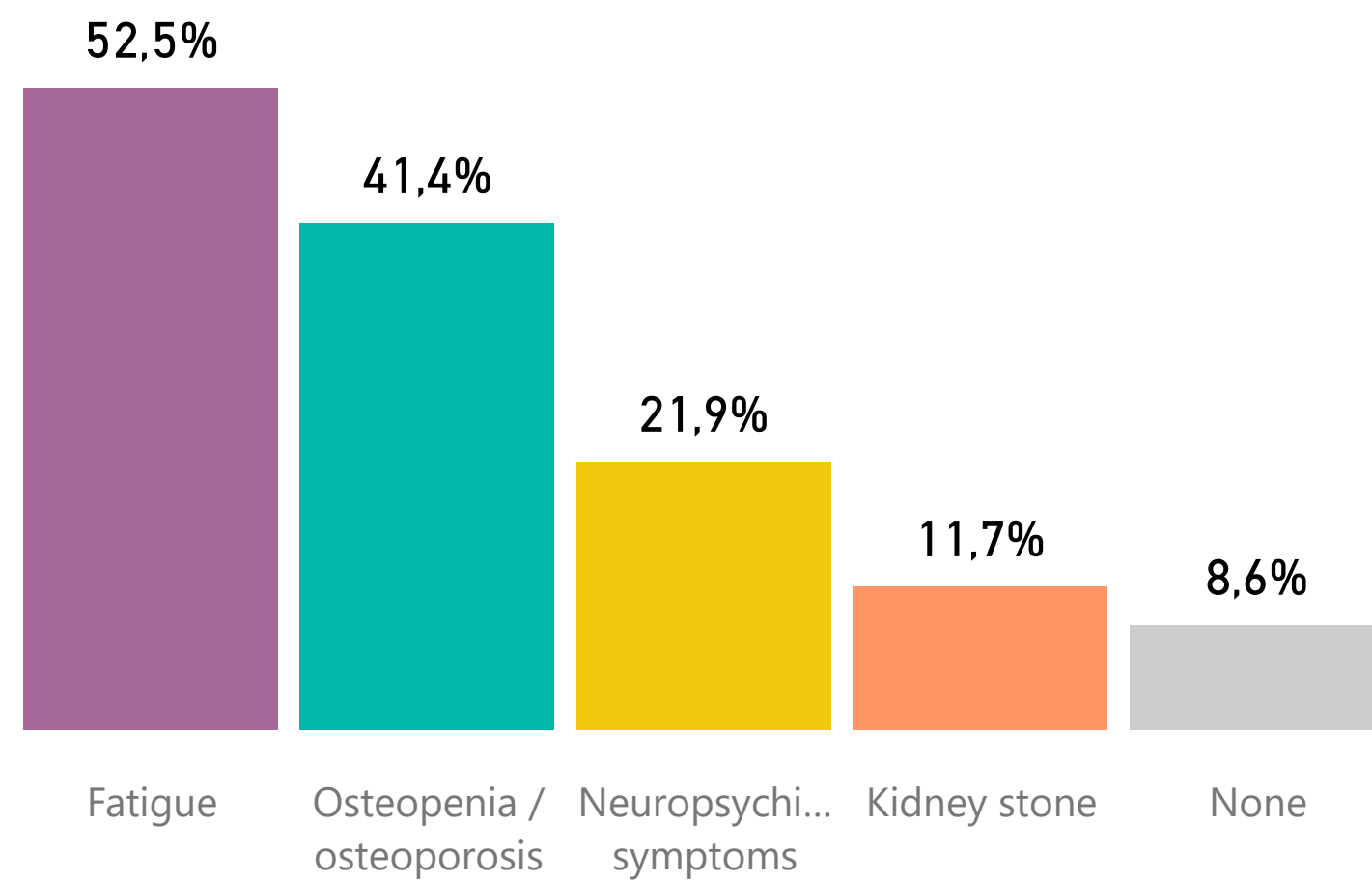
Previous Thyroid Surgery



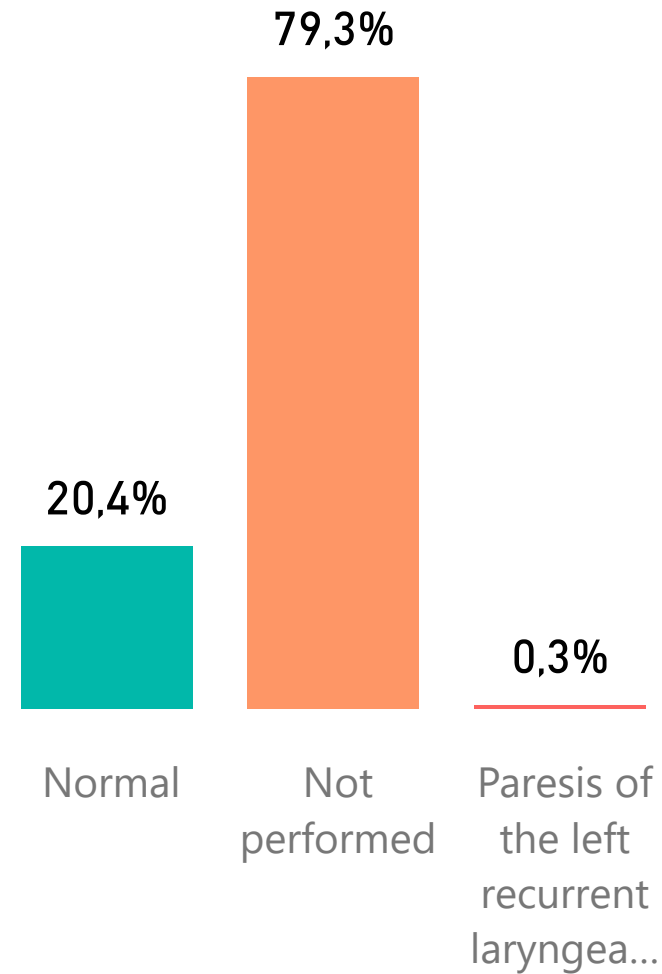
Preoperative Localisation Examinations Perf...



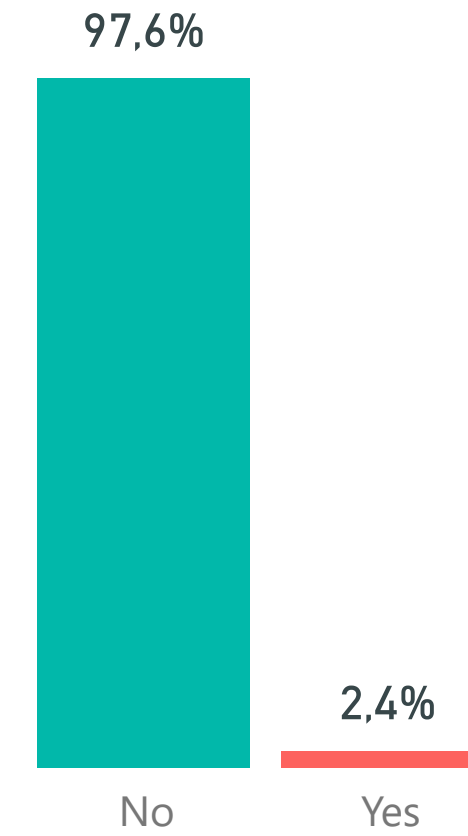
Preoperative Symptomatology



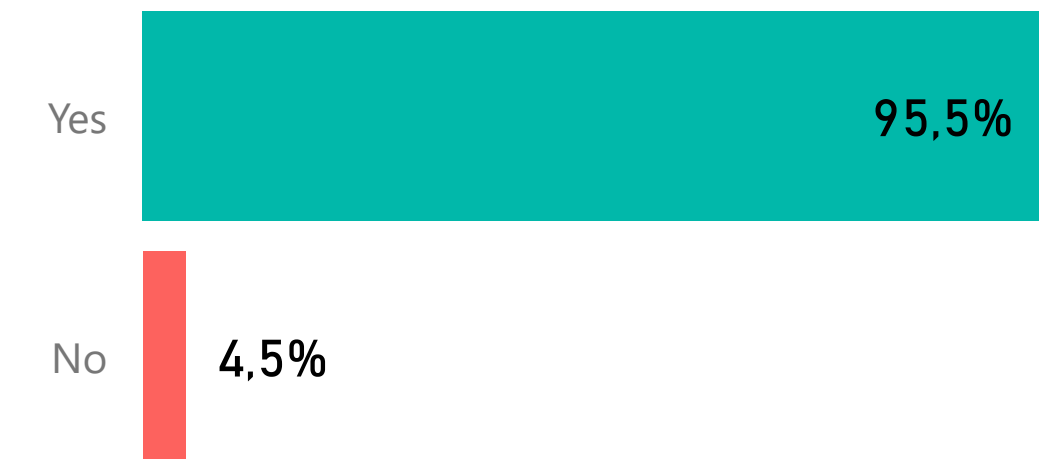
Preoperative Laryngoscopy



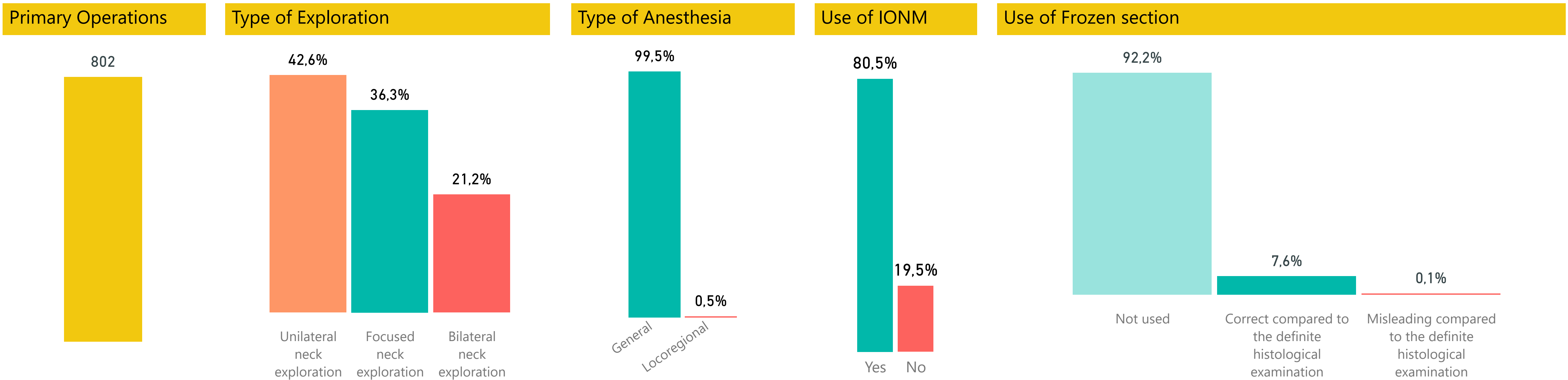
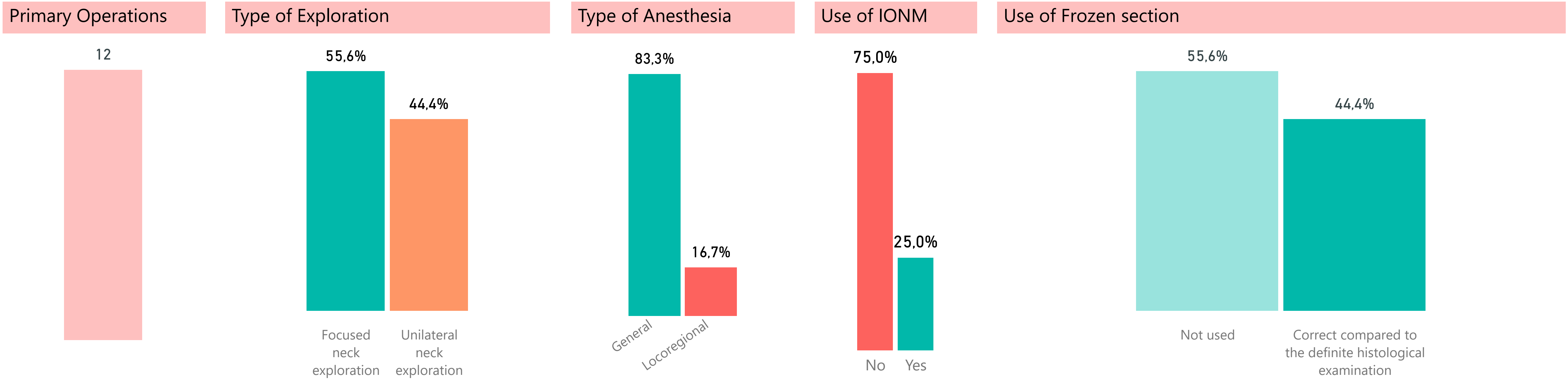
Previous Thyroid Surgery



Preoperative Localisation Examinations Perf...

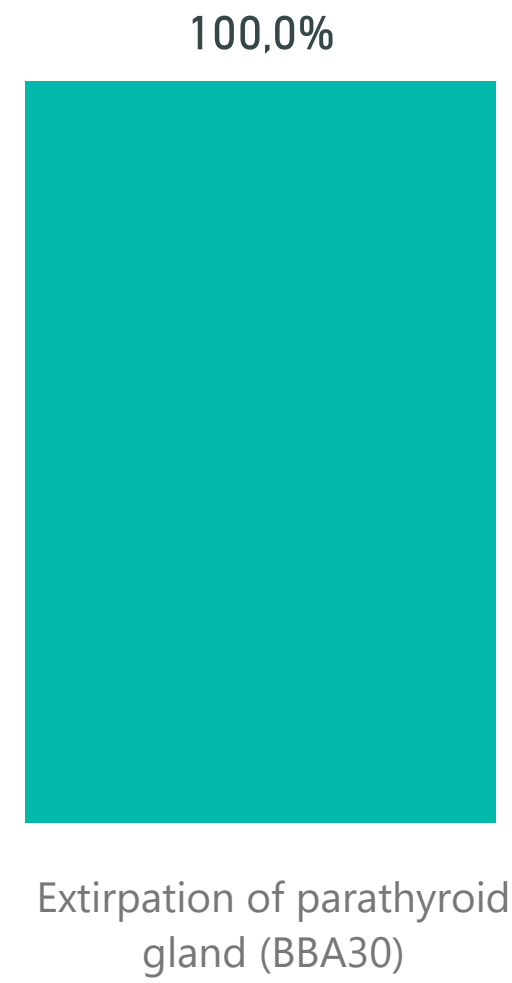


Characteristics of Primary Operations

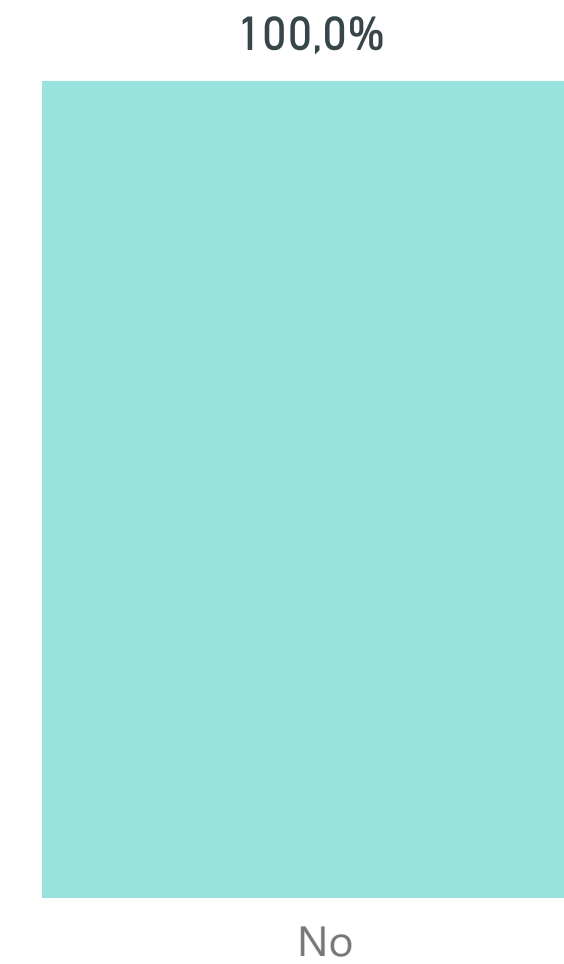


Characteristics of Primary Operations

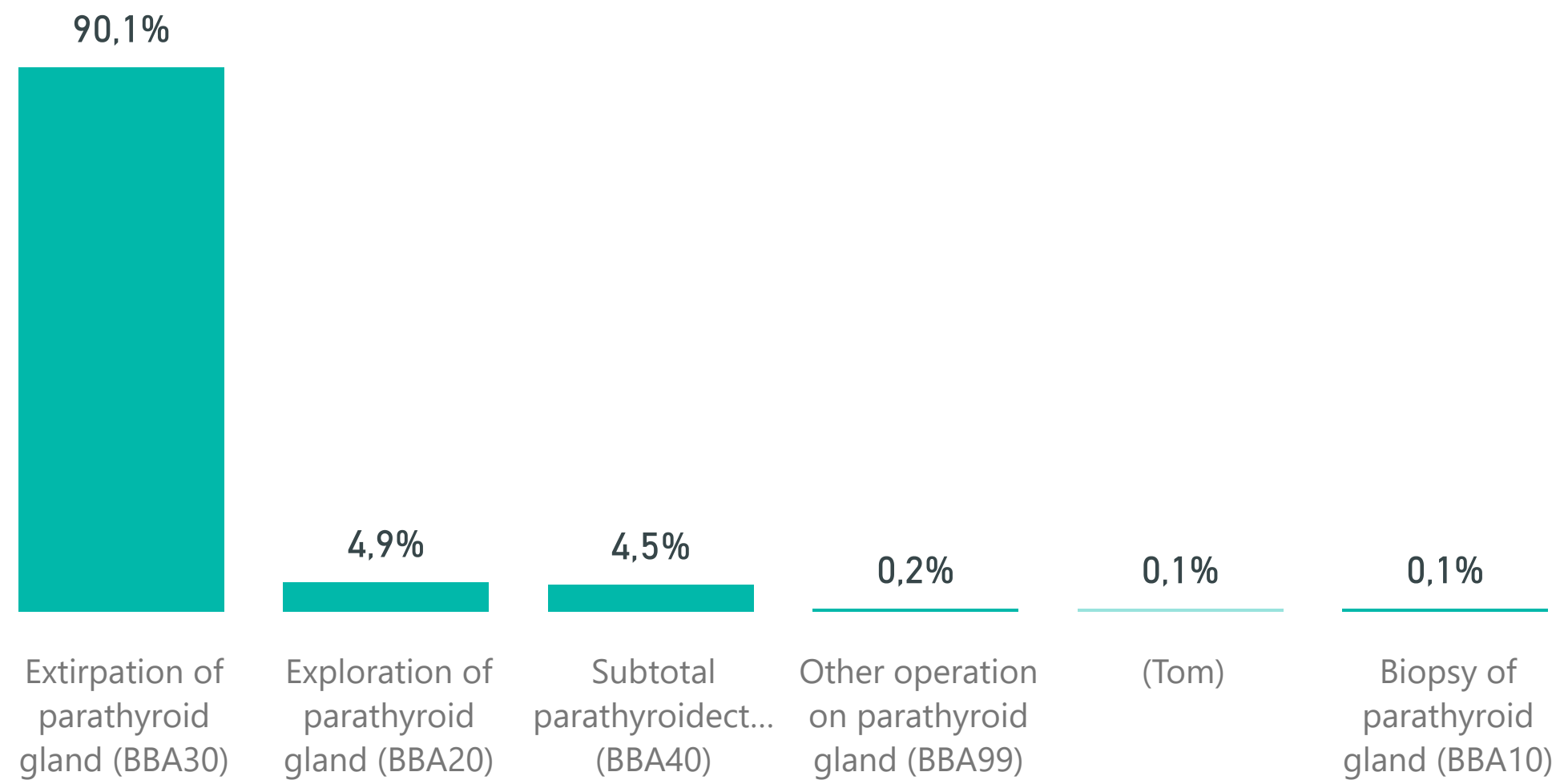
Type of Resection



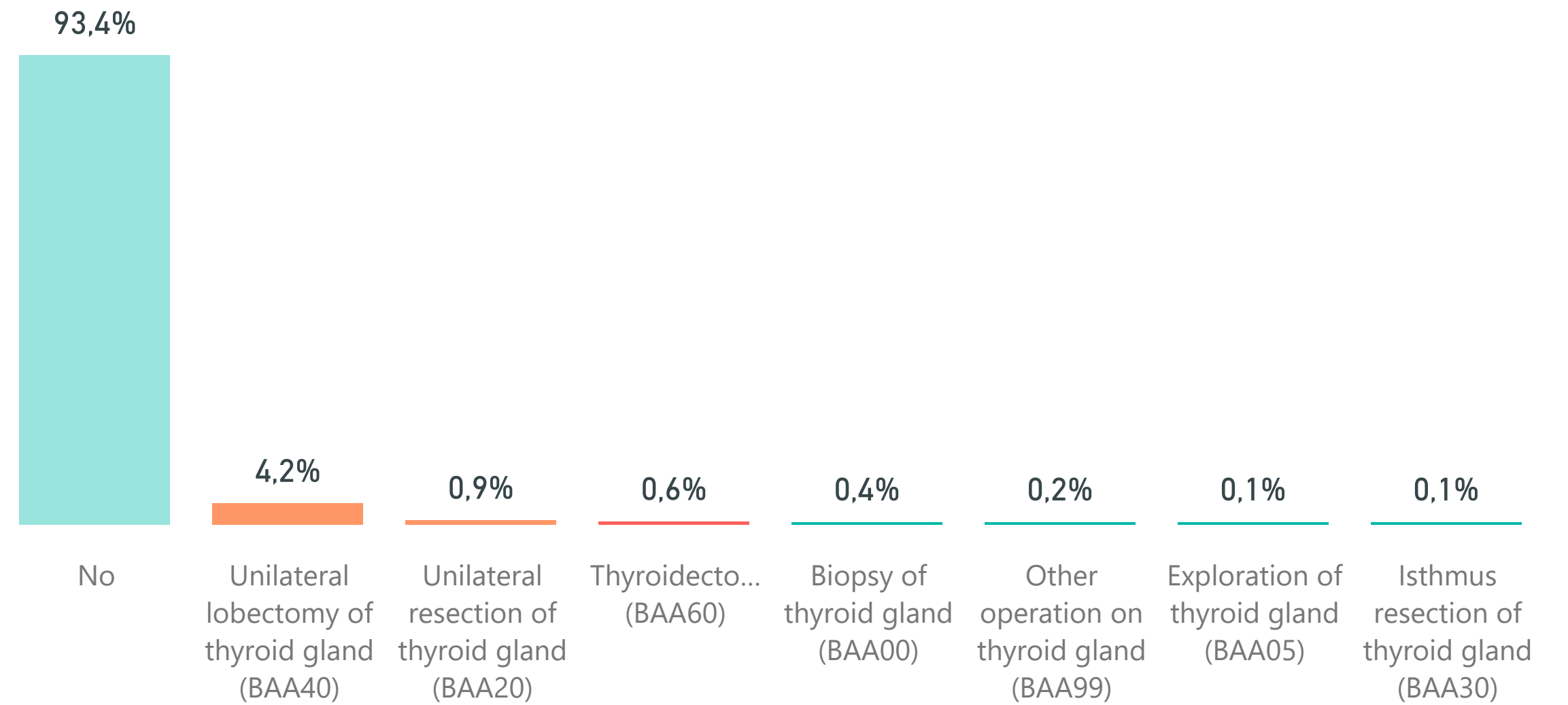
Concomittant Thyroid Resection



Type of Resection

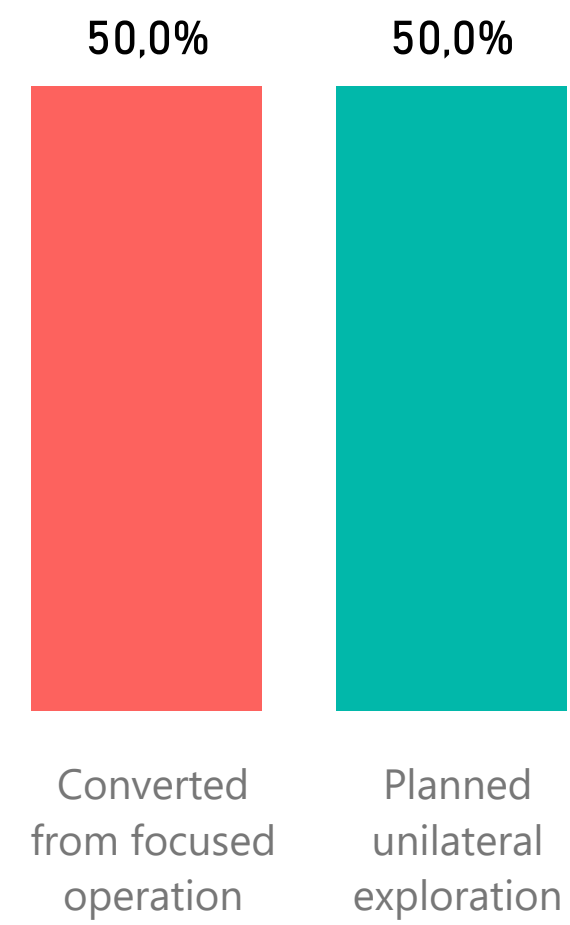


Concomittant Thyroid Resection



Characteristics of Primary Operations

Conversion Rate to Unilateral Exploration

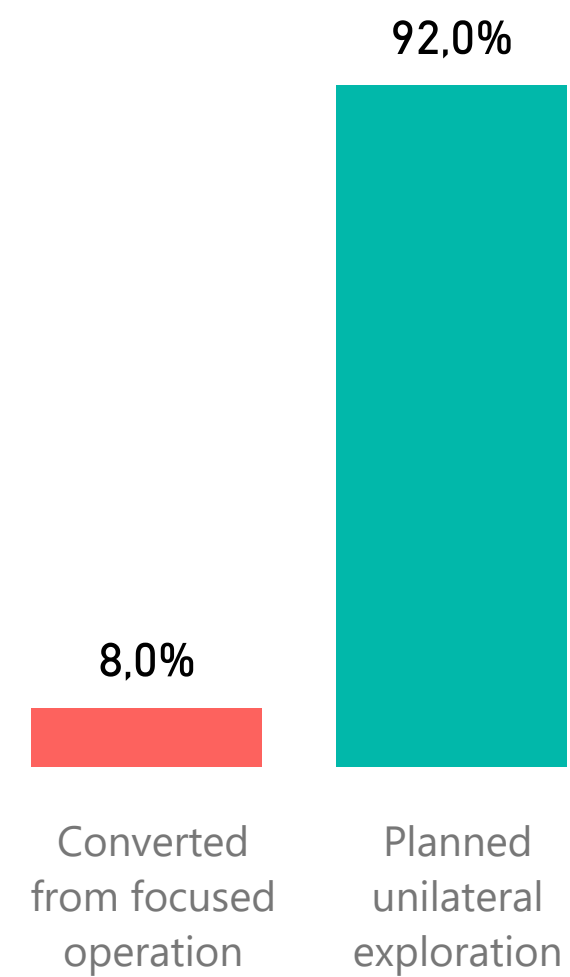


Conversion Rate to Bilateral Exploration

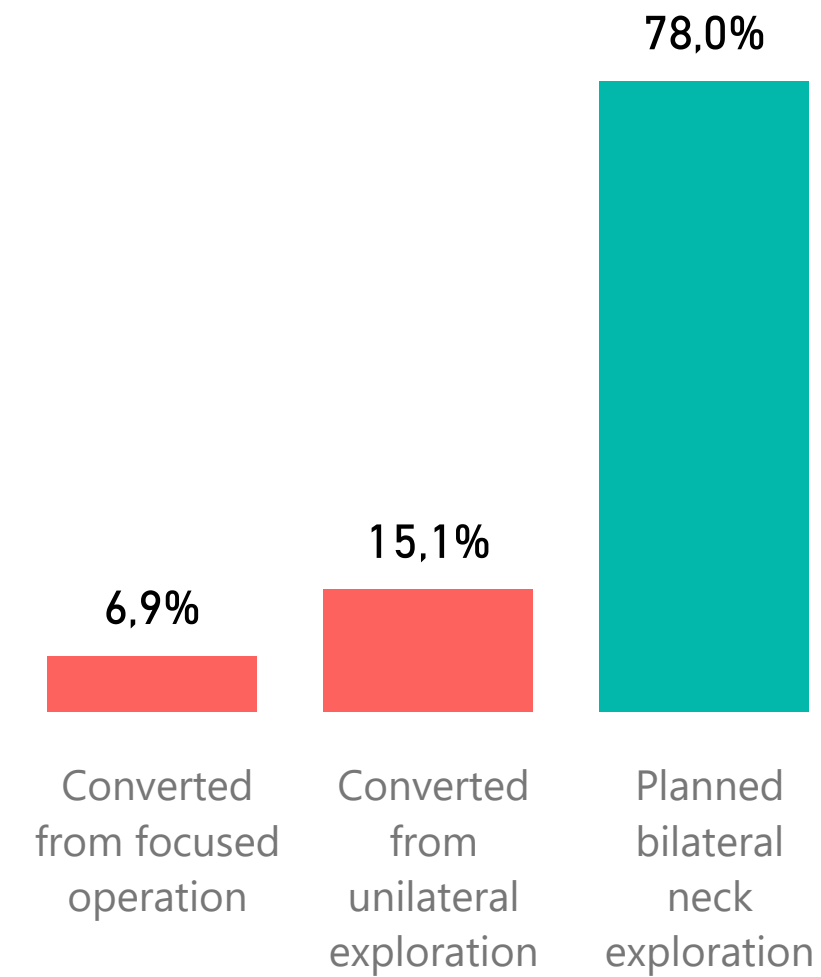
Thoracic Explorations

Thymic Resections

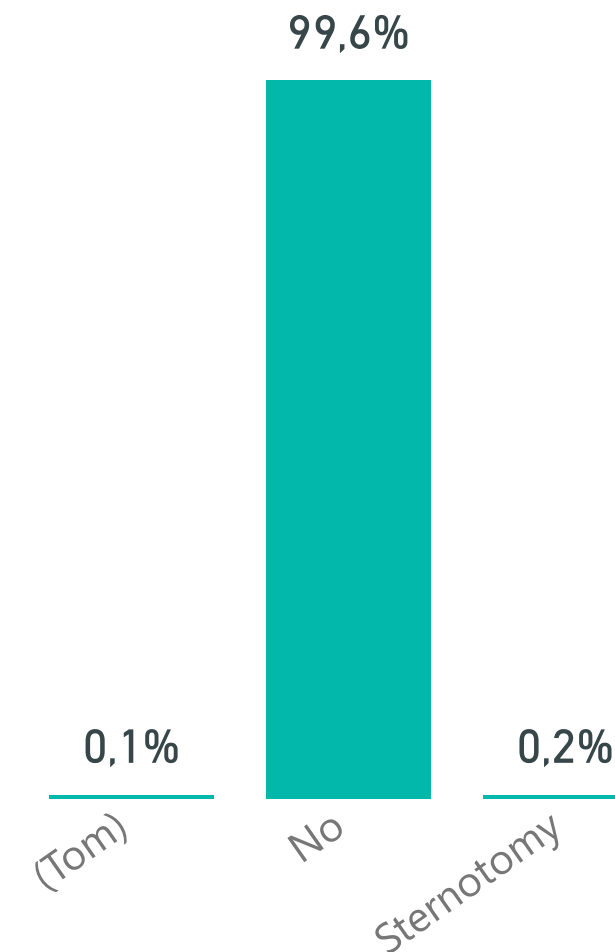
Conversion Rate to Unilateral Exploration



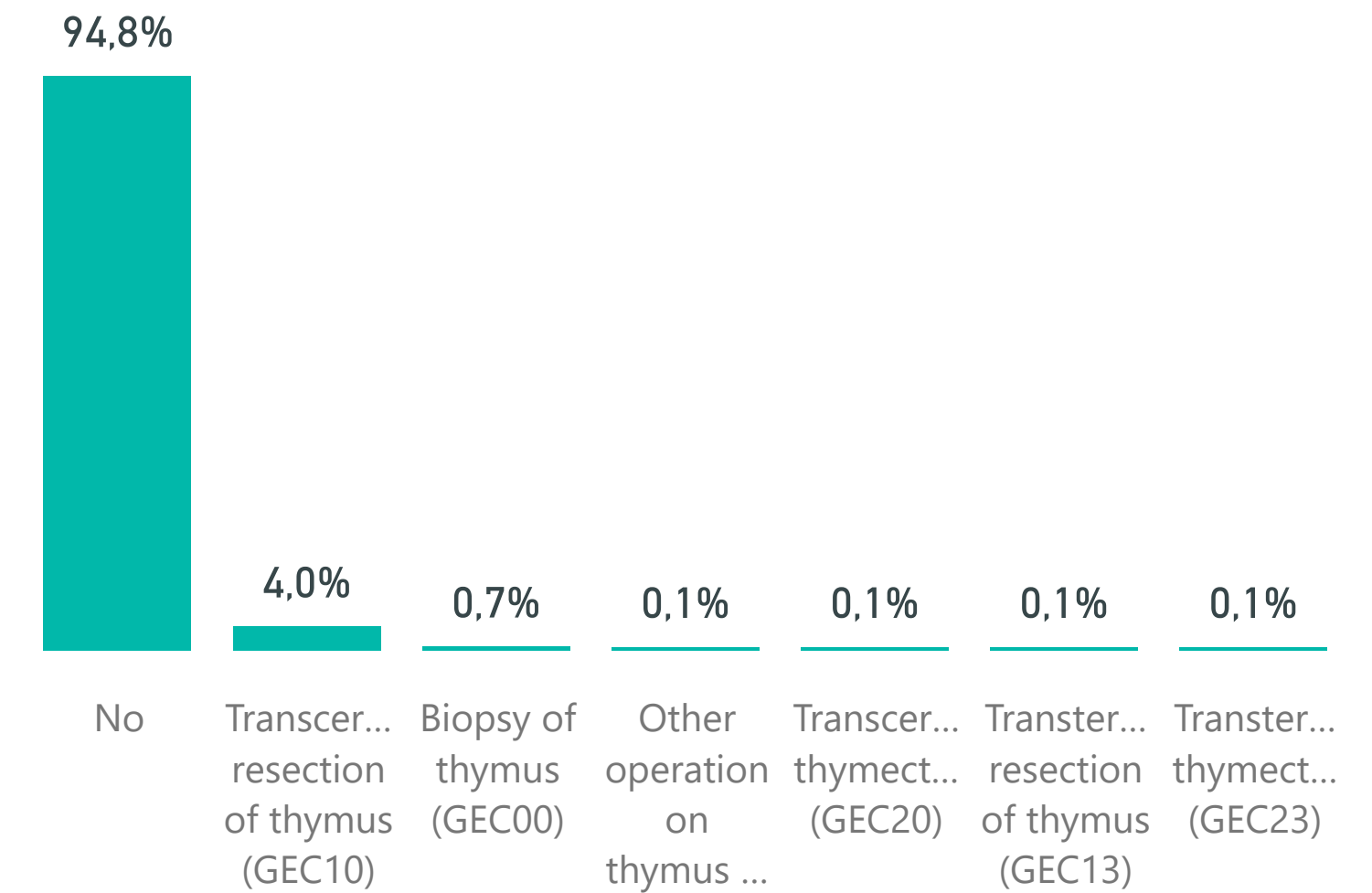
Conversion Rate to Bilateral Exploration



Thoracic Explorations



Thymic Resections

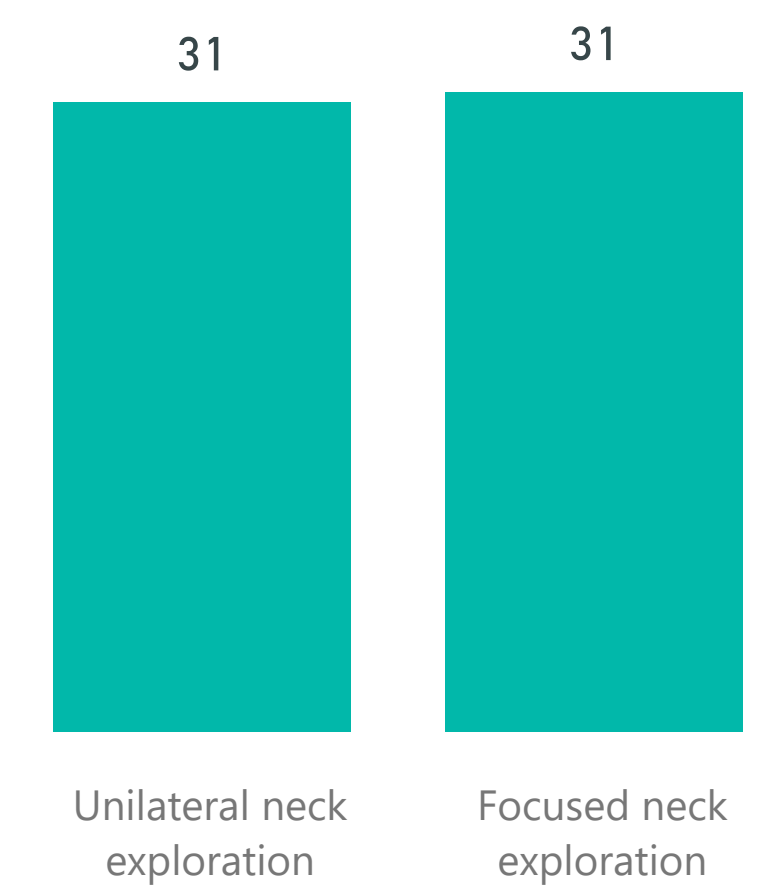


Characteristics of Primary Operations

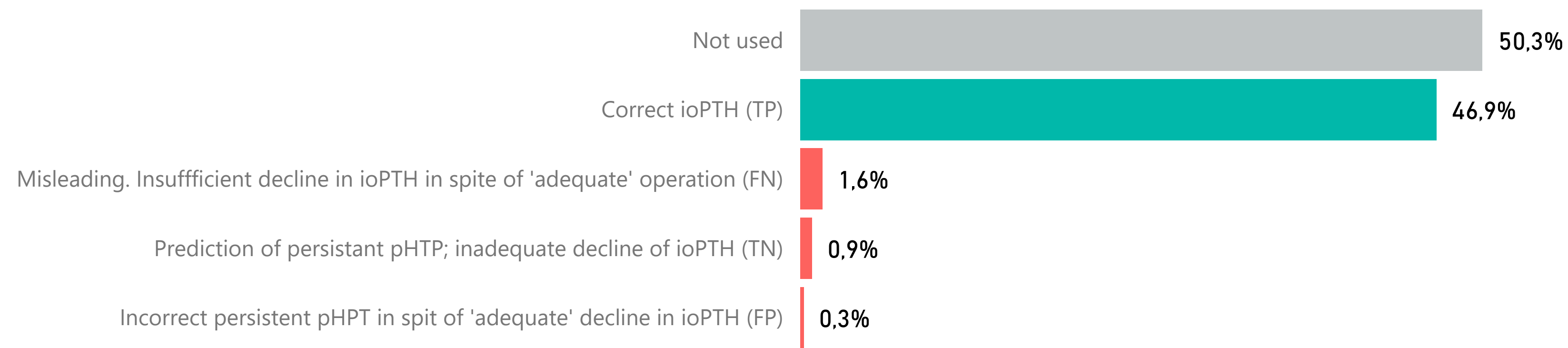
Results of Intraoperative PTH-Monitoring



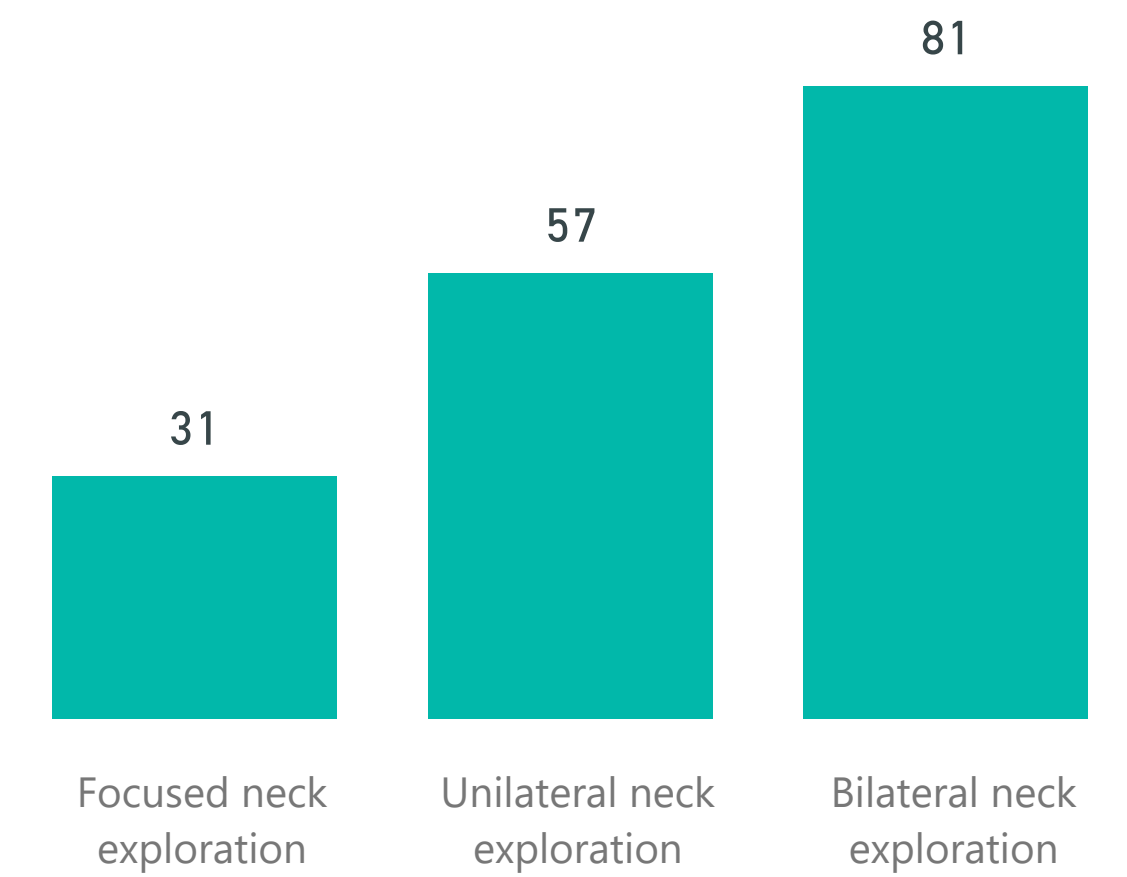
Median Operating Time, skin to skin (minutes)



Results of Intraoperative PTH-Monitoring



Median Operating Time, skin to skin (minutes)



Number of US performed

13

Ultrasound Assessment in Relation to Intraoperative Finding

Negative / inconclusive pre-op examination

100,0%

Number of US performed

676

Ultrasound Assessment in Relation to Intraoperative Finding

True pre-op localisation of solitary adenoma (TP)

63,9%

Negative / inconclusive pre-op examination

28,1%

False pre-op localisations of solitary adenoma (FP)

4,7%

Correct position of one pathological gland, but multiglandular disease not predicted

2,8%

False prediction of multiglandular disease in solitary adenoma

0,4%

Assessment of Preoperative Localisations Studies

Number of Scintigraphies performed

Sestamibi-Scintigraphy Assessment in Relation to Intraoperative Finding

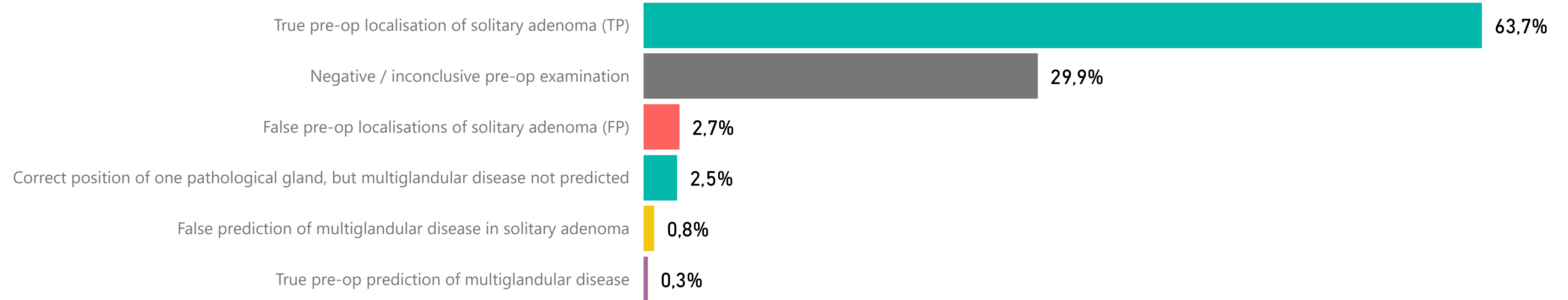
1



Number of Scintigraphies performed

Sestamibi-Scintigraphy Assessment in Relation to Intraoperative Finding

628



Number of PET CT performed

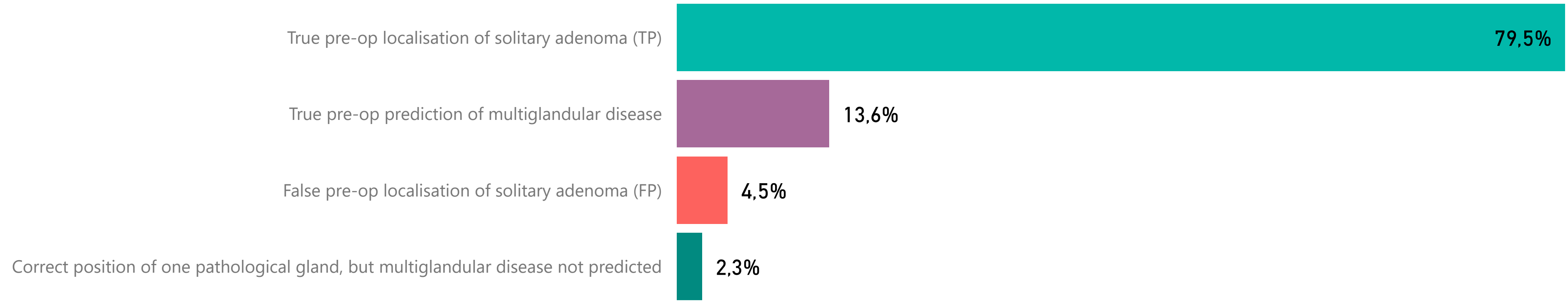
18F Choline PET CT Assessment in Relation to Intraoperative Finding

13

Number of PET CT performed

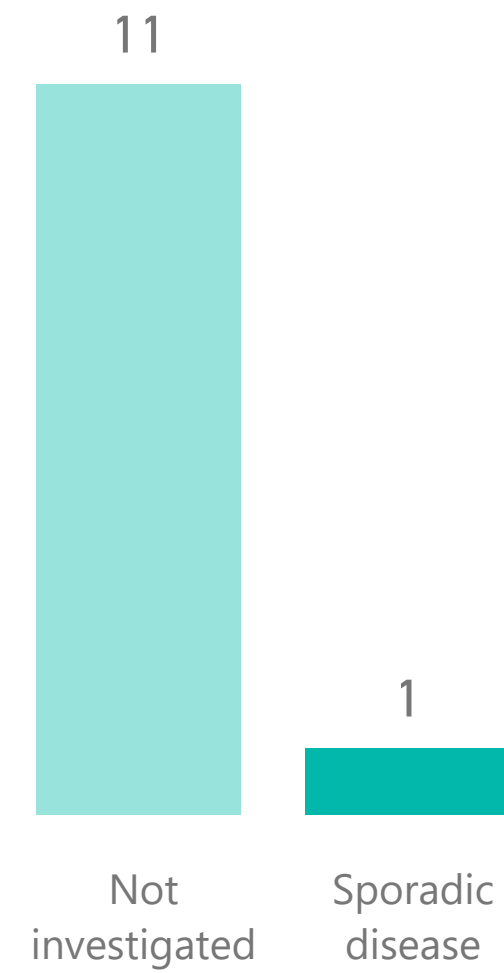
18F Choline PET CT Assessment in Relation to Intraoperative Finding

44

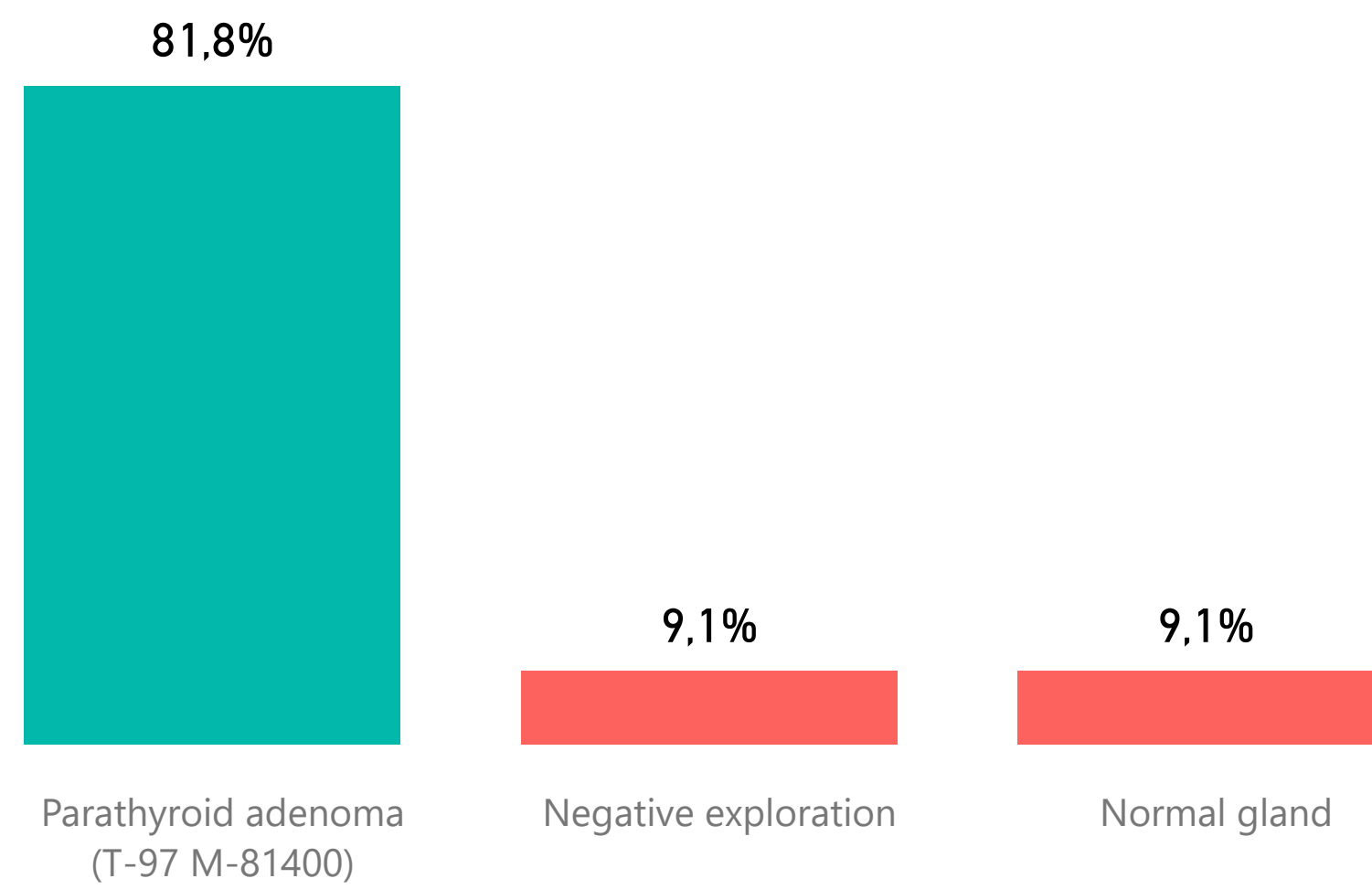


Histopathology Results

Number of Operations

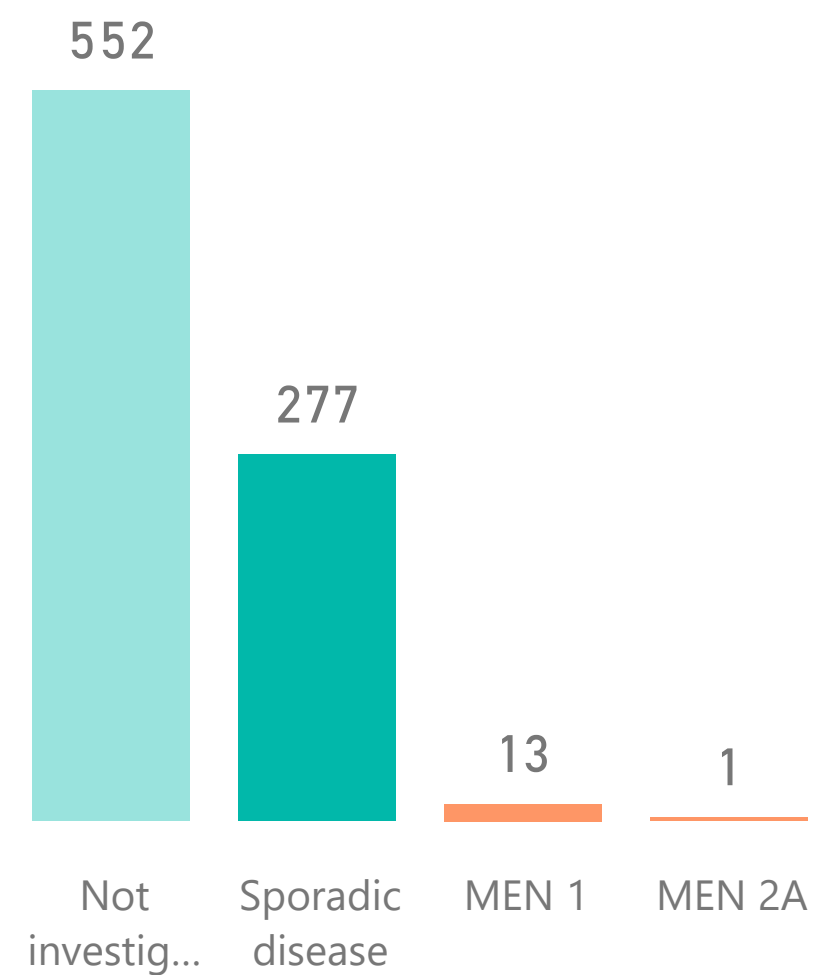


Histopathology (Sporadic Disease)

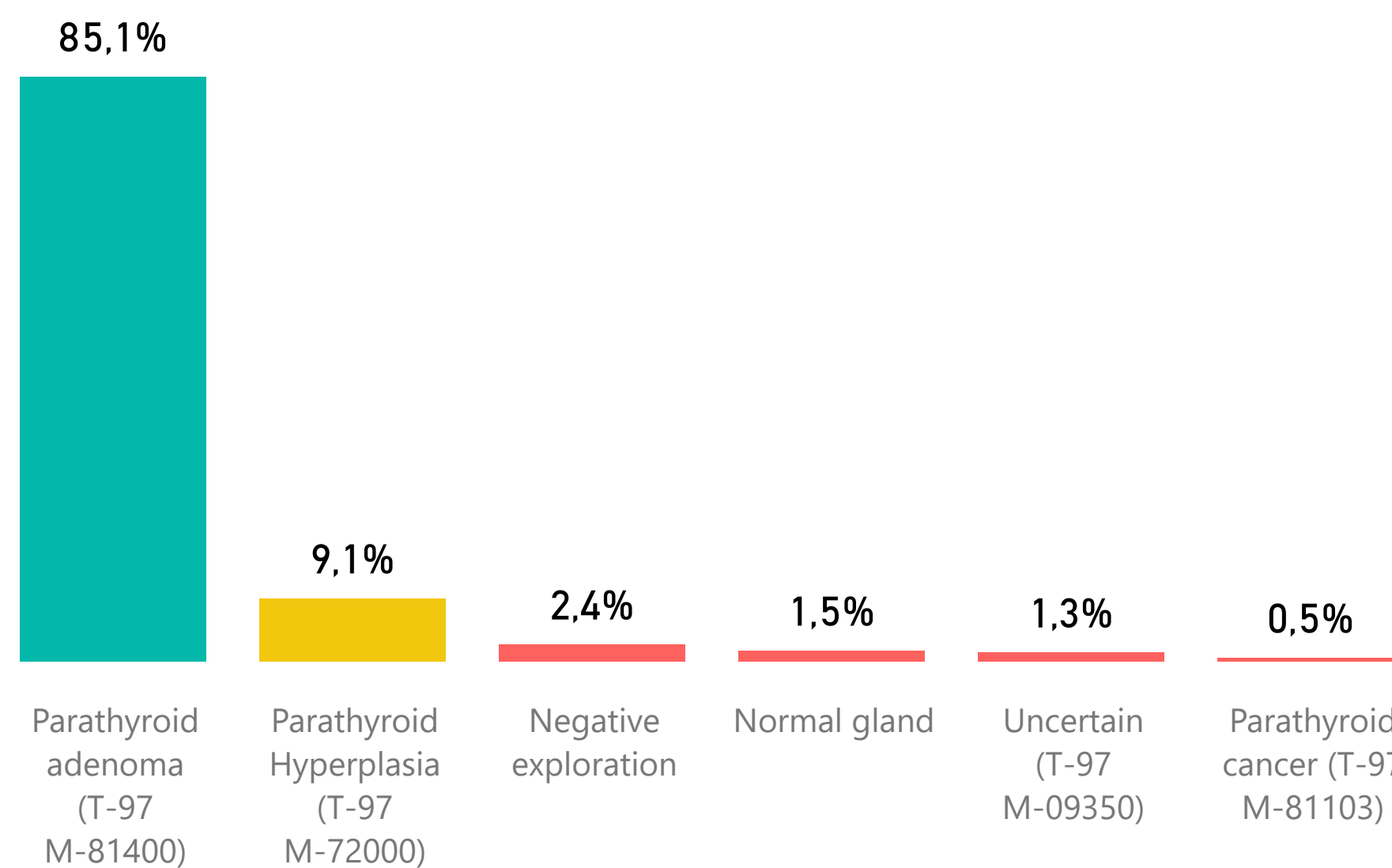


Histopathology (Hereditary Disease)

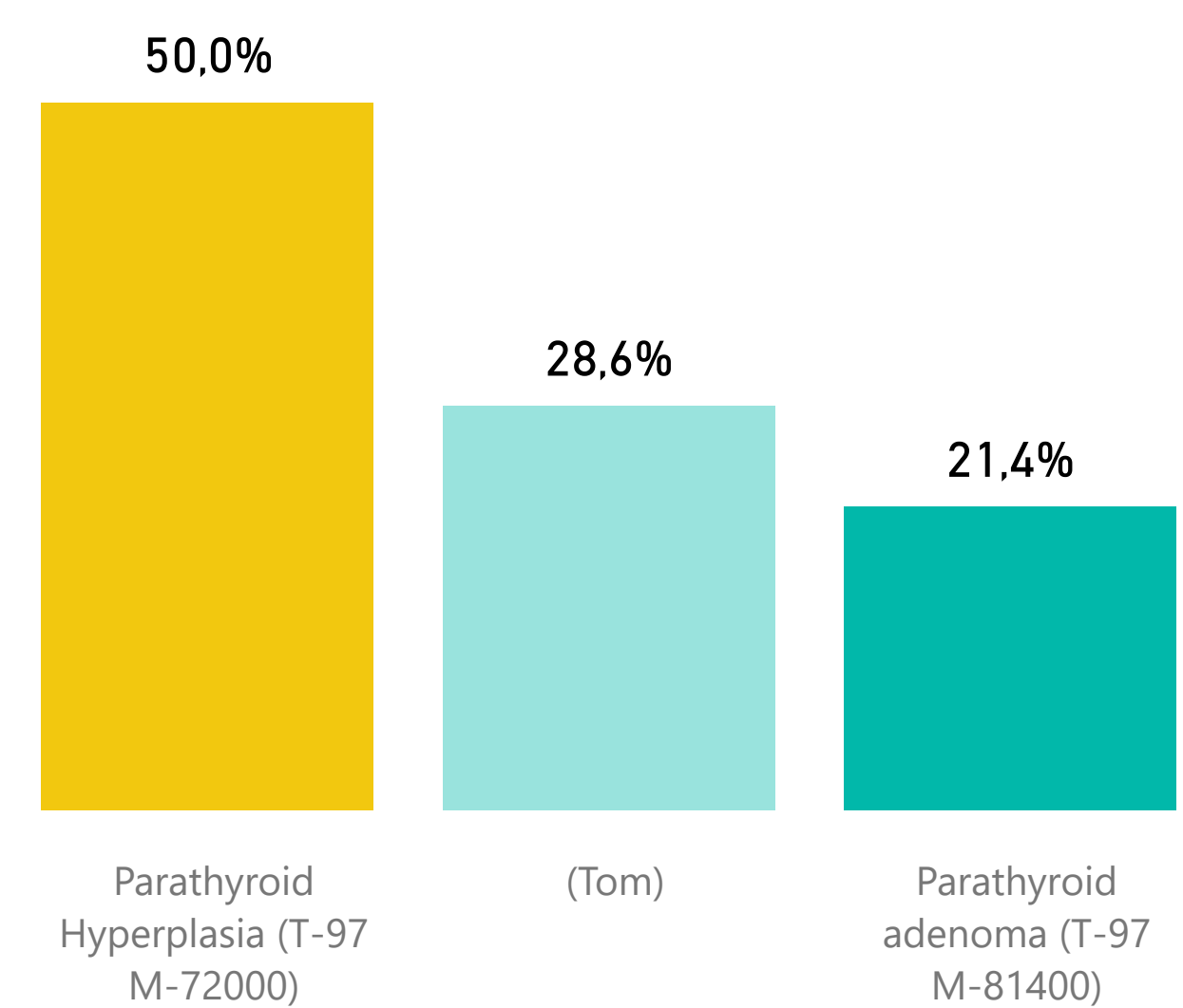
Number of Operations



Histopathology (Sporadic Disease)

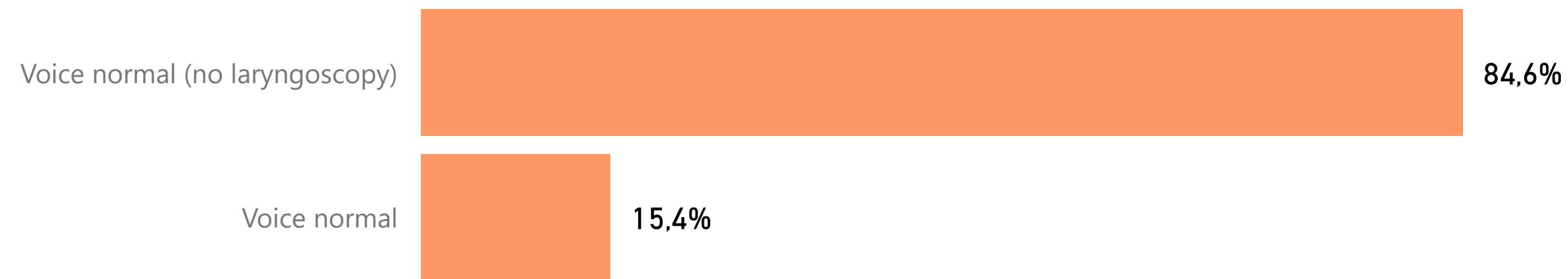


Histopathology (Hereditary Disease)

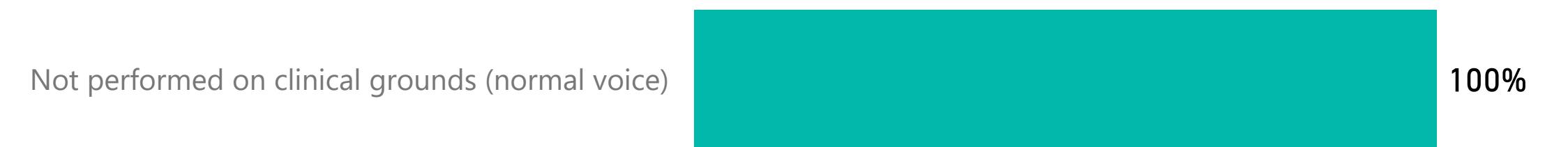


Postoperative Recurrent Laryngeal Nerve Function

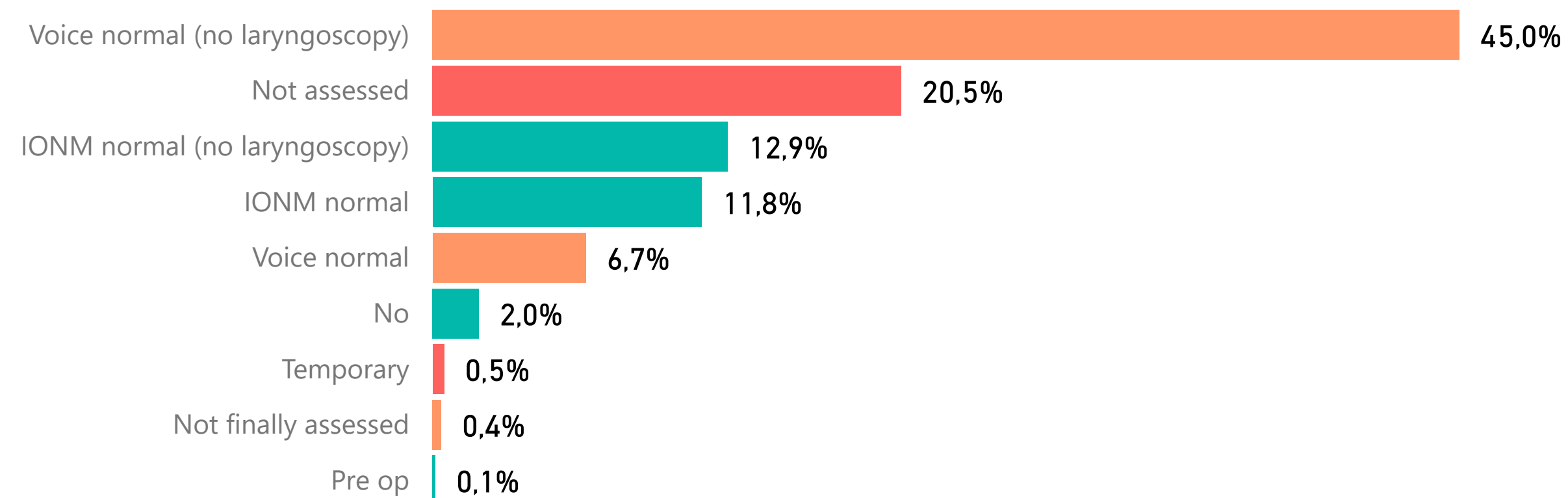
Complication Summary - Recurrent Nerve Palsy - All Operations - Latest Available Follow-up



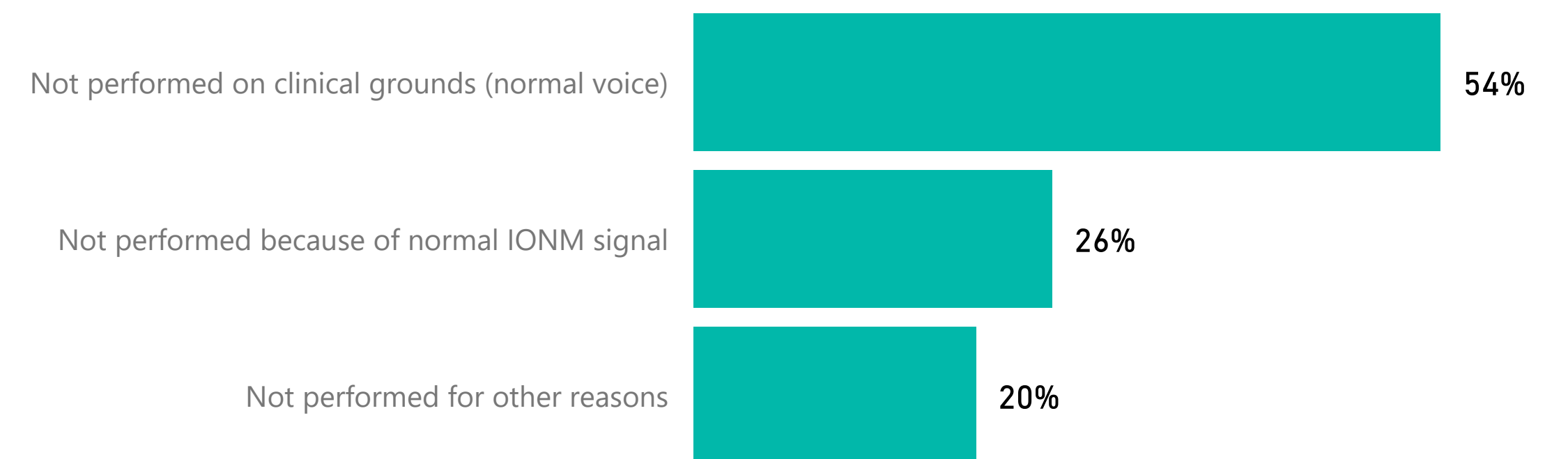
Reasons for Not Performing Laryngoscopy (Variable Introduced in 2023)



Complication Summary - Recurrent Nerve Palsy - All Operations - Latest Available Follow-up



Reasons for Not Performing Laryngoscopy (Variable Introduced in 2023)

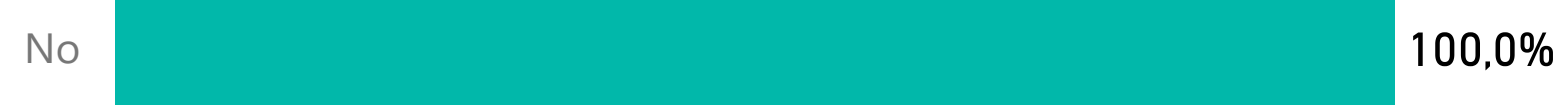


Parathyroid Functional Outcome

Calcium Therapy at Discharge for Parathyroid Insufficiency



Vit D Therapy at Discharge for Parathyroid Insufficiency



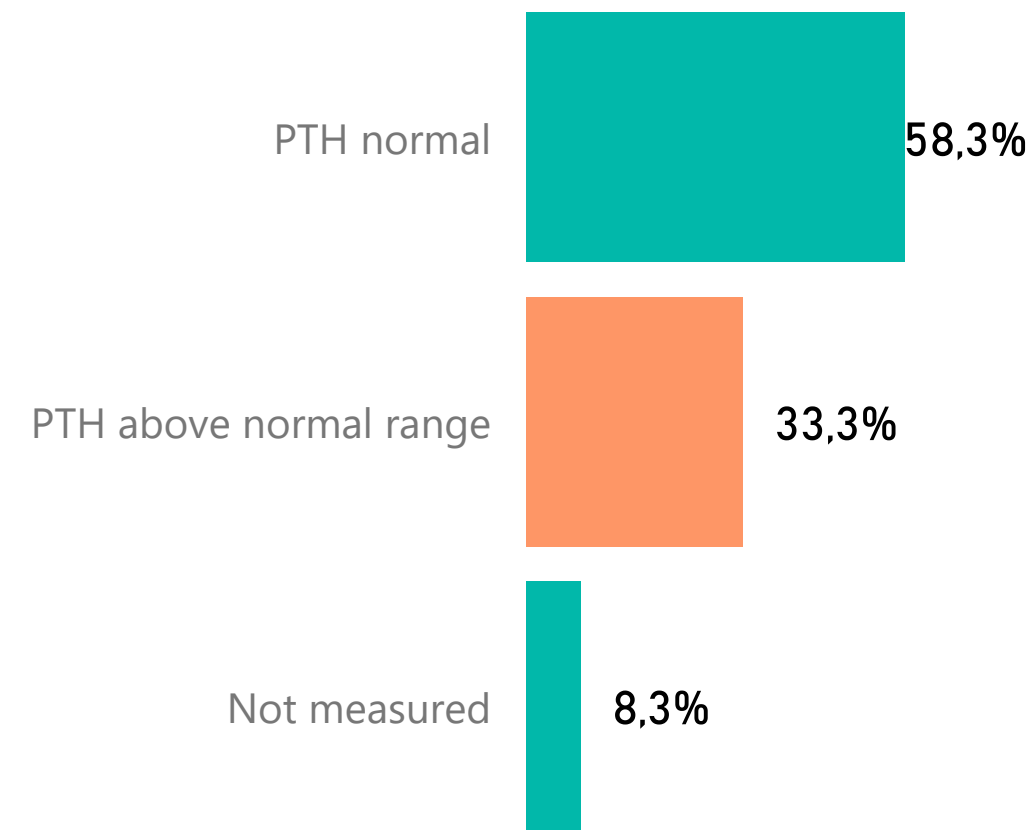
Calcium Therapy at Discharge for Parathyroid Insufficiency



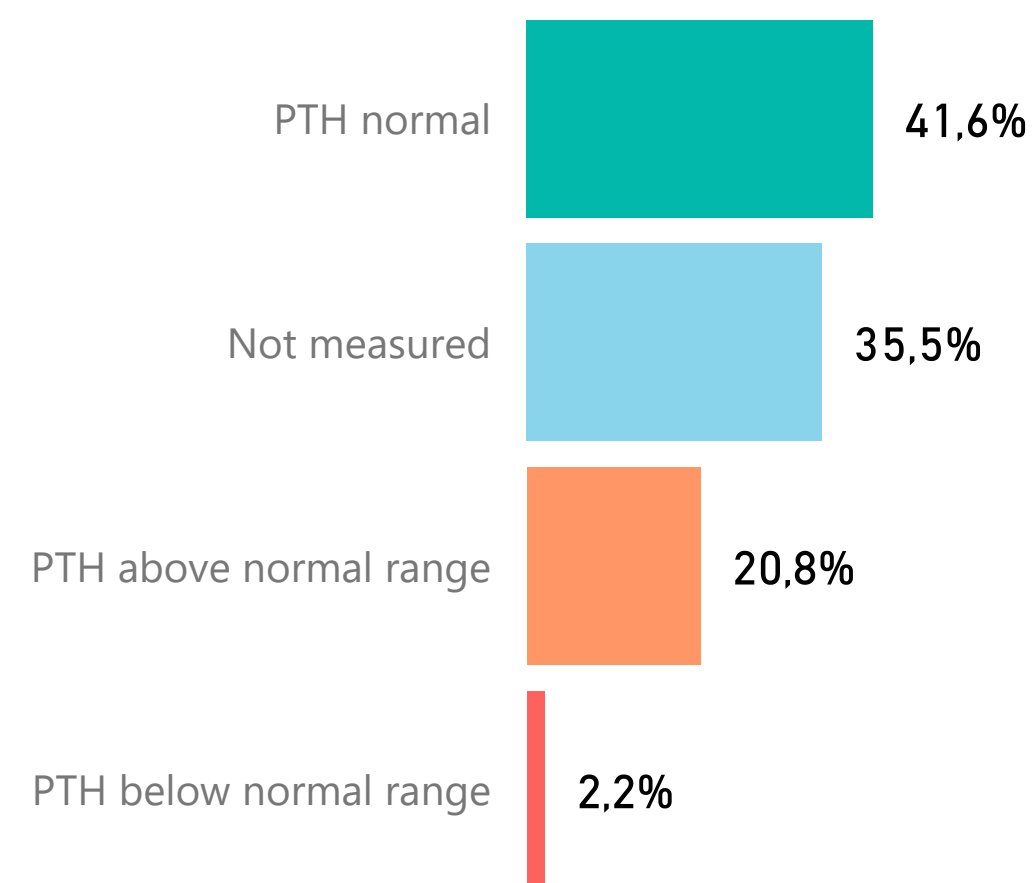
Vit D Therapy at Discharge for Parathyroid Insufficiency



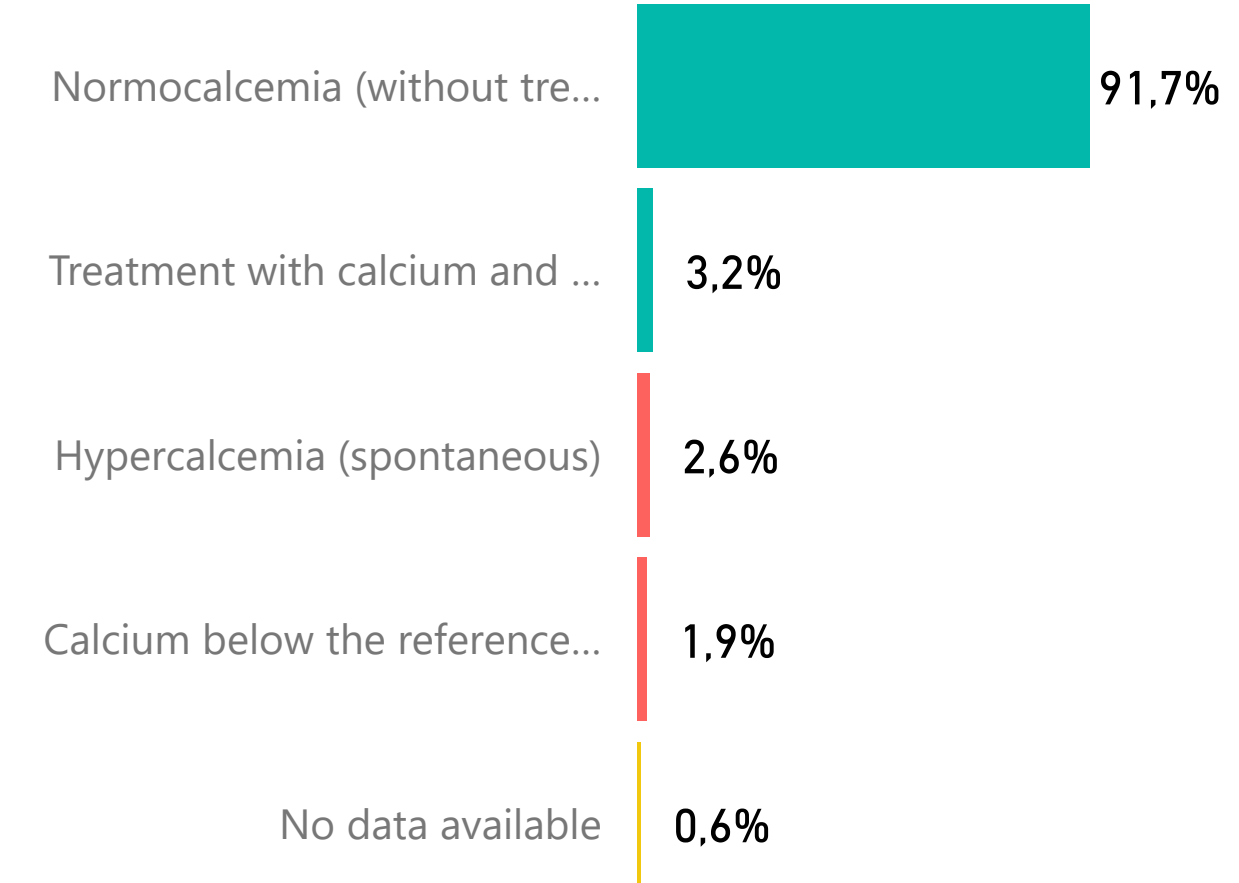
PTH Levels at First Follow-up



PTH Levels at First Follow-up



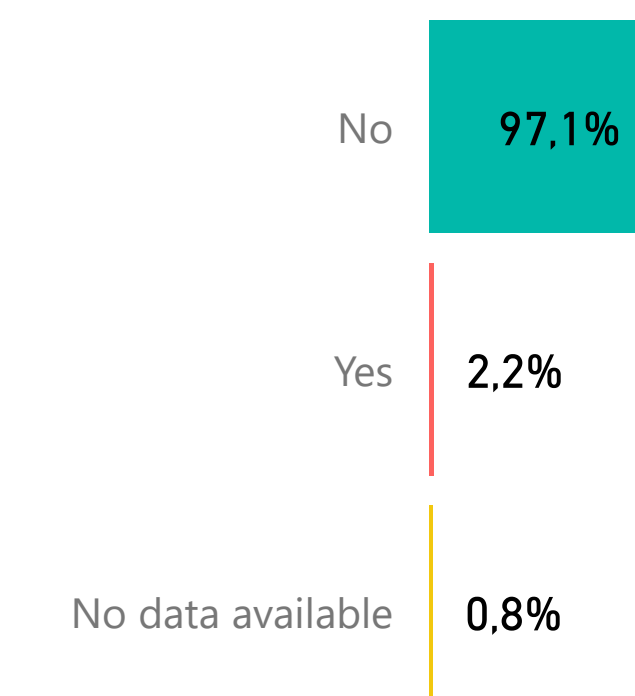
Ca Status at Longterm Follow-up



Reoperations for Persistent pHPT During Known Follow-up

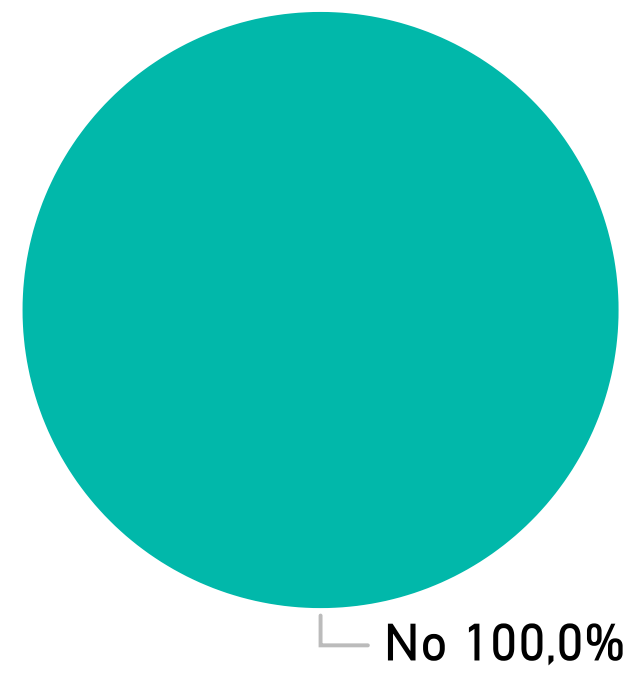


Reoperations for Persistent pHPT During Known Follow-up

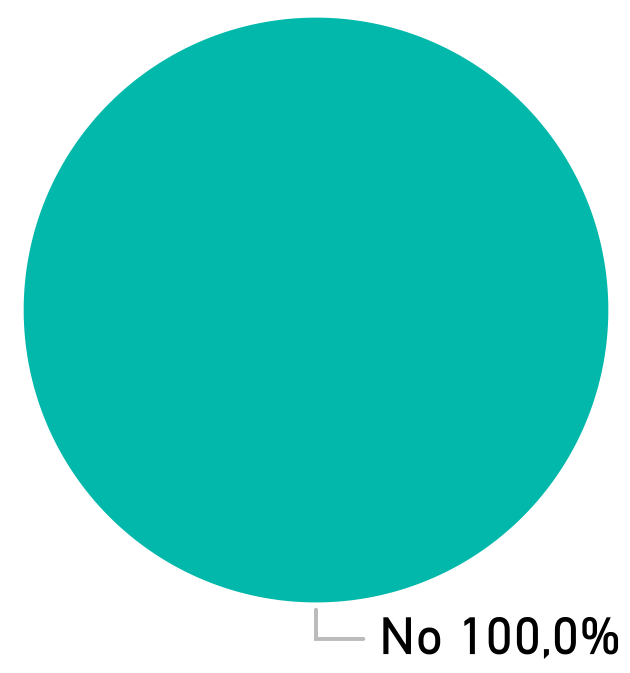


Postoperative Hemorrhage, Wound Infections and Hospital Stay

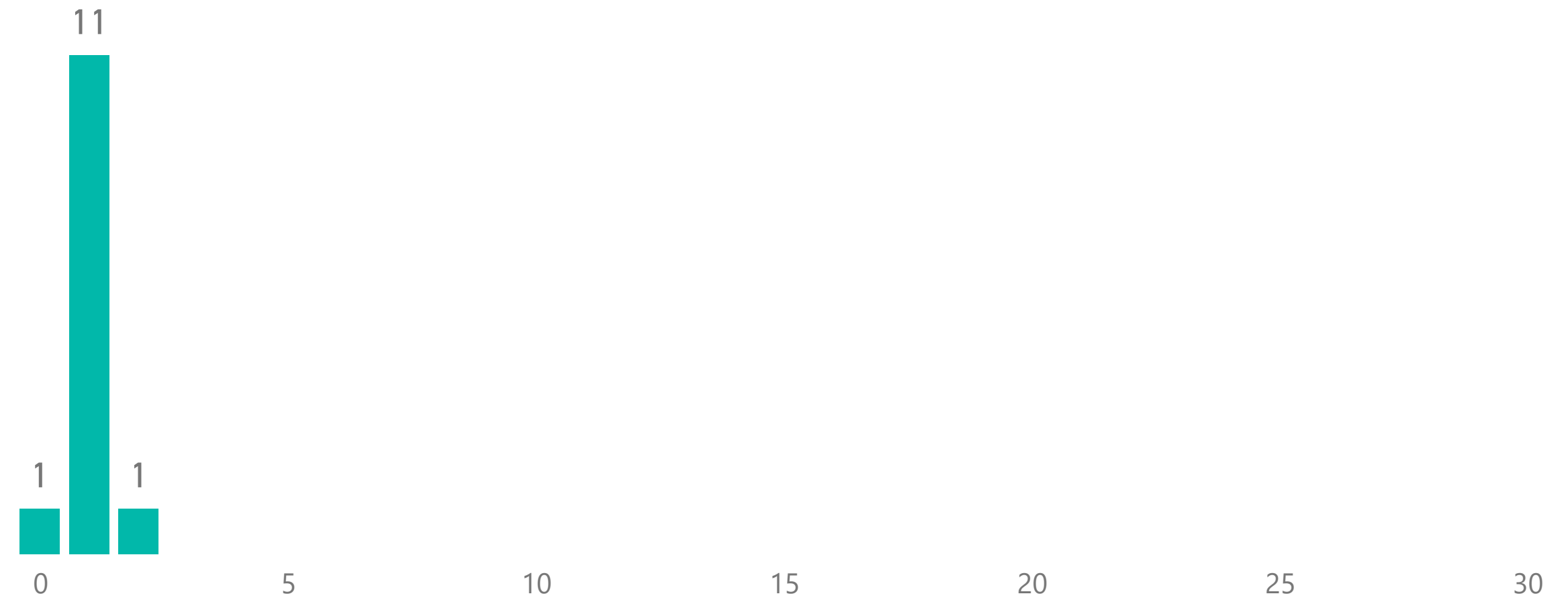
Postoperative Hemorrhage



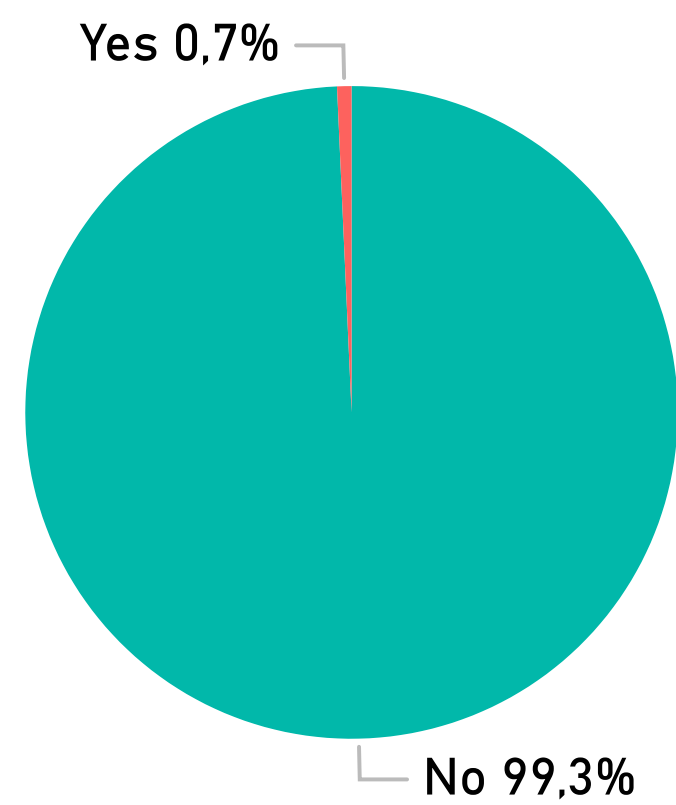
Postoperative Wound Infection



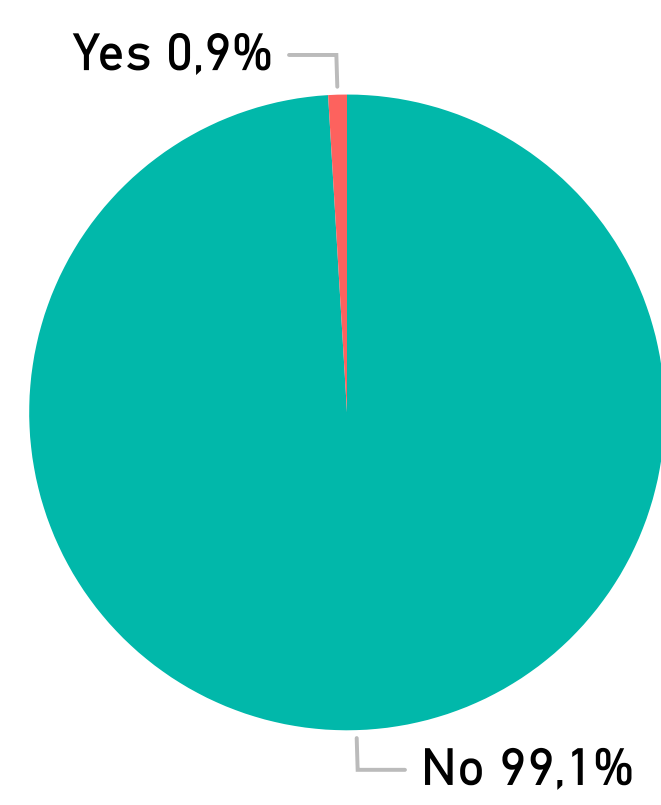
Hospital Stay (graph limited to max 31 days)



Postoperative Hemorrhage



Postoperative Wound Infection



Hospital Stay (graph limited to max 31 days)

