

# 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, 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

91



2023

Registered Operations for pHPT in Other EUROCRINE Clinics of Your Country

844



2023

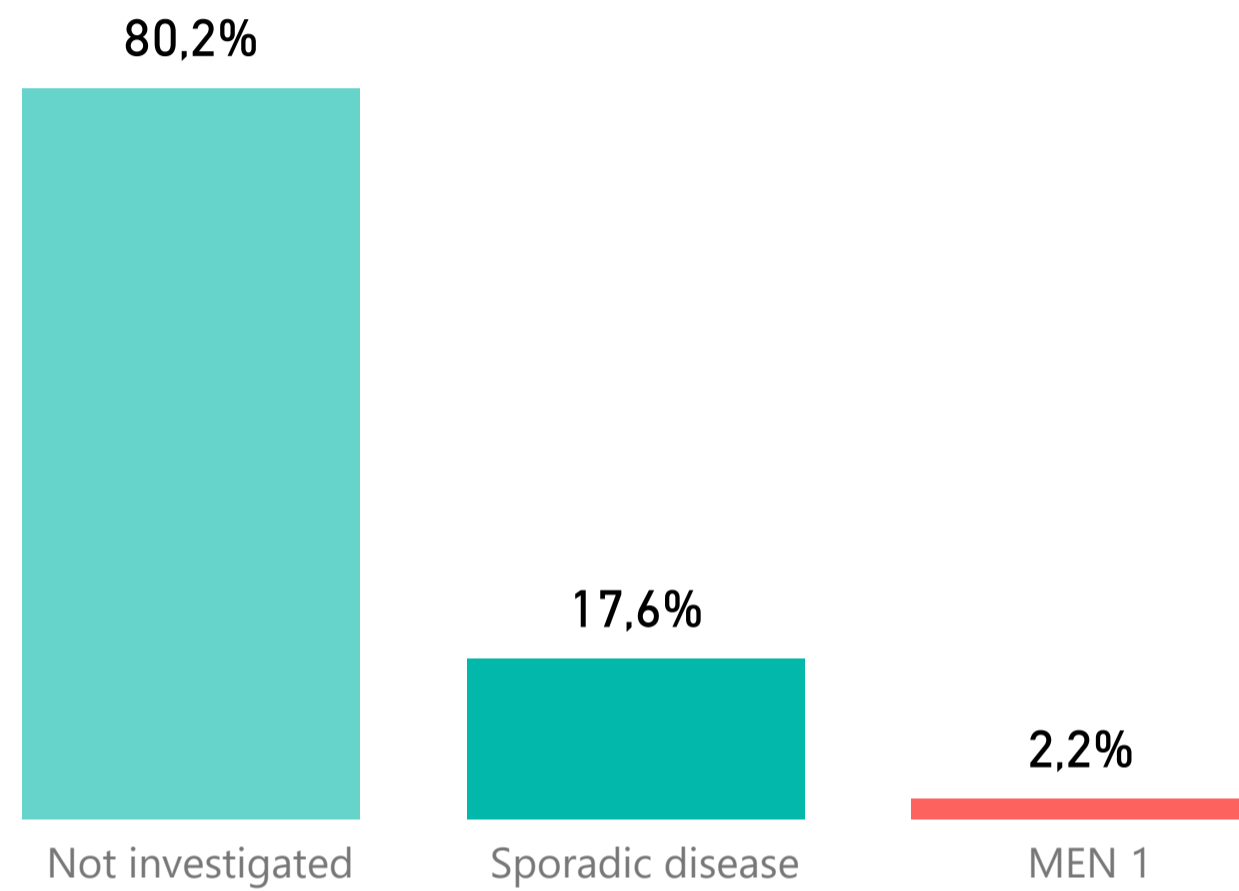
Color Coding in this Report:

Investigated Clinic

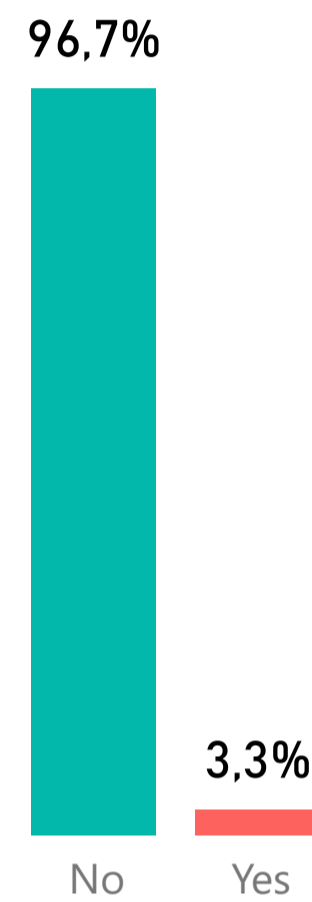
Other EUROCRINE Clinics in Your Country

# Ethiology, Age Distribution

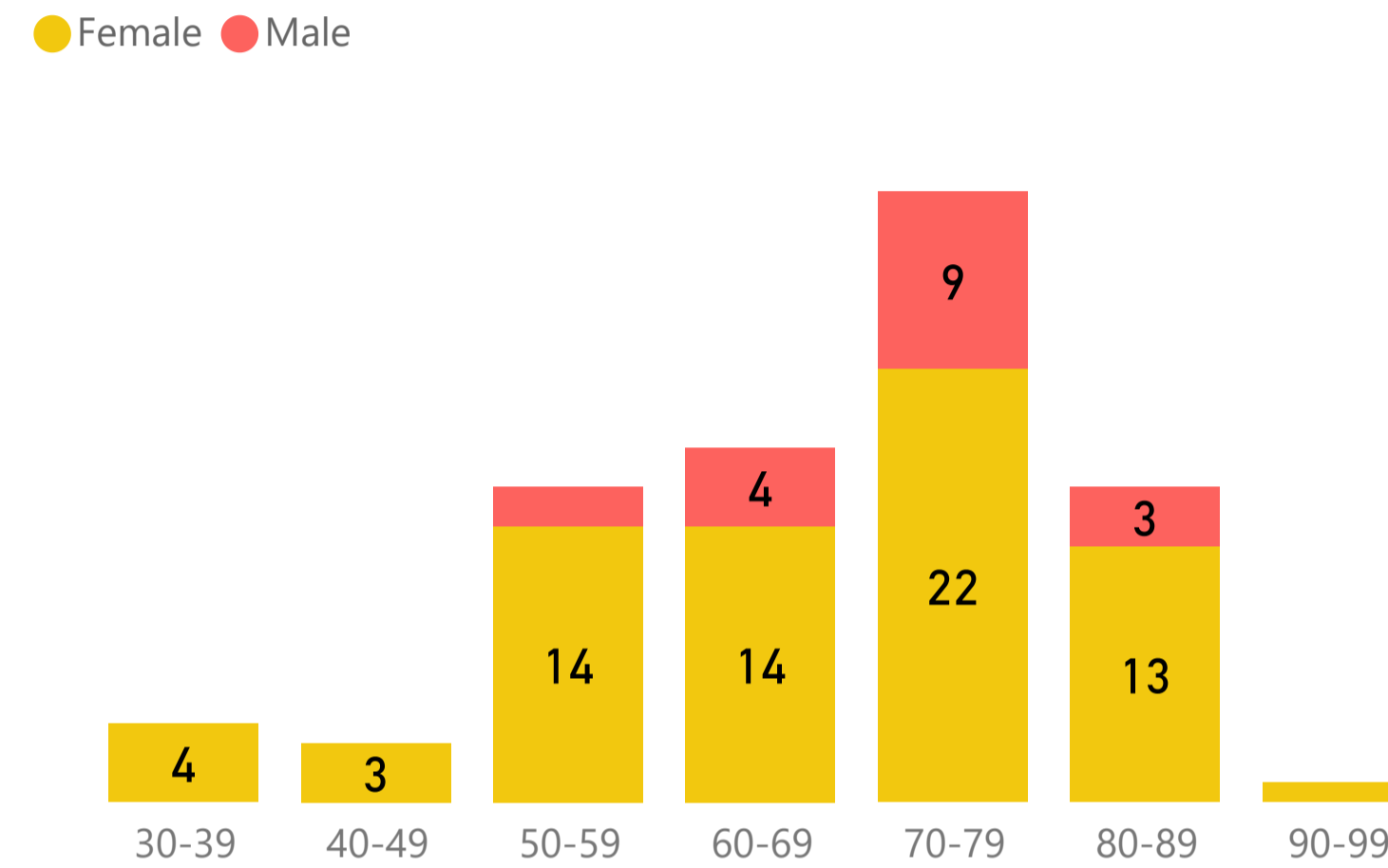
## Ethiology



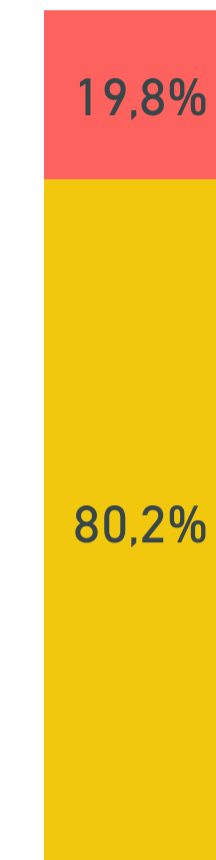
## Lithium Therapy



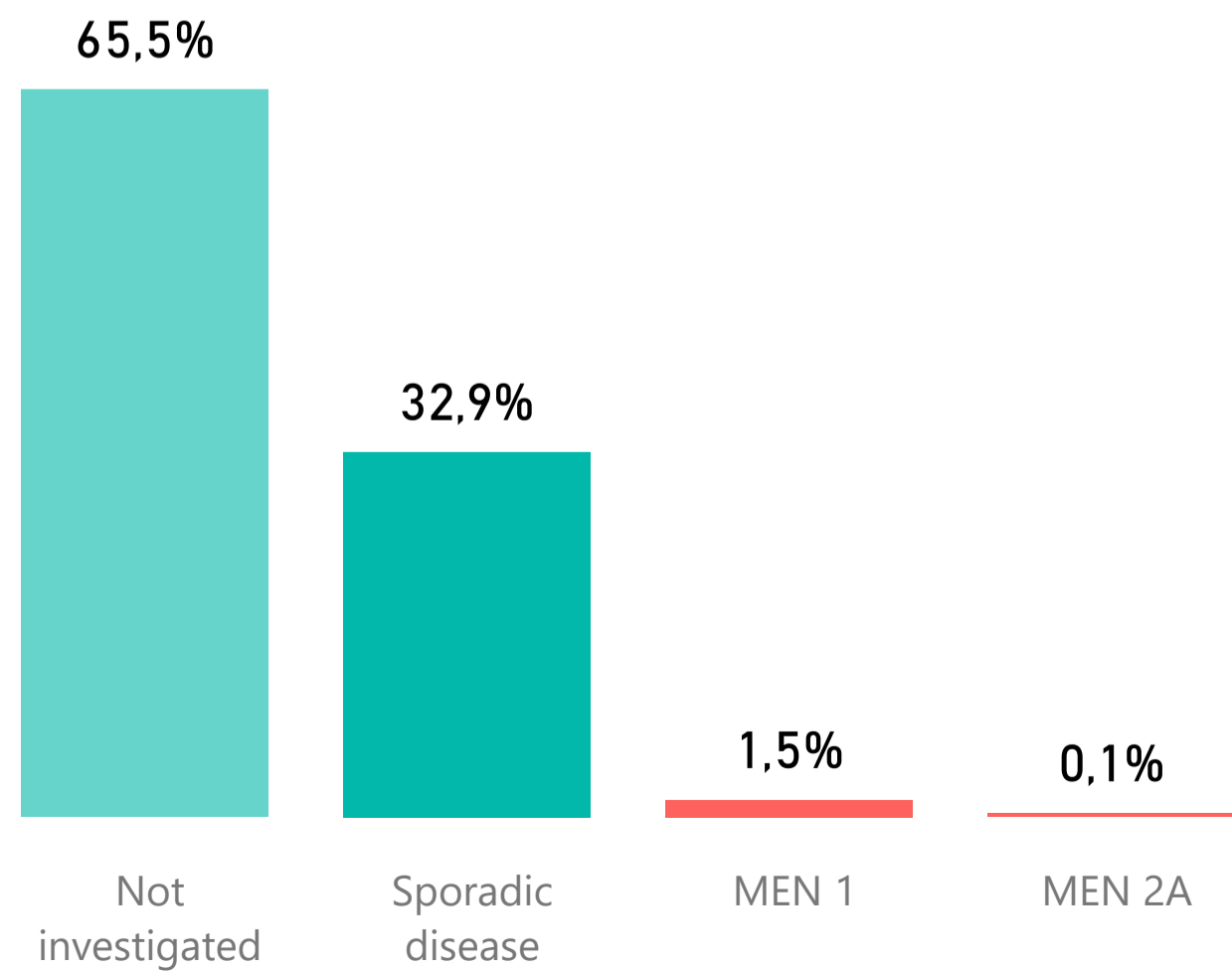
## Age Distribution



## Gender Distribution



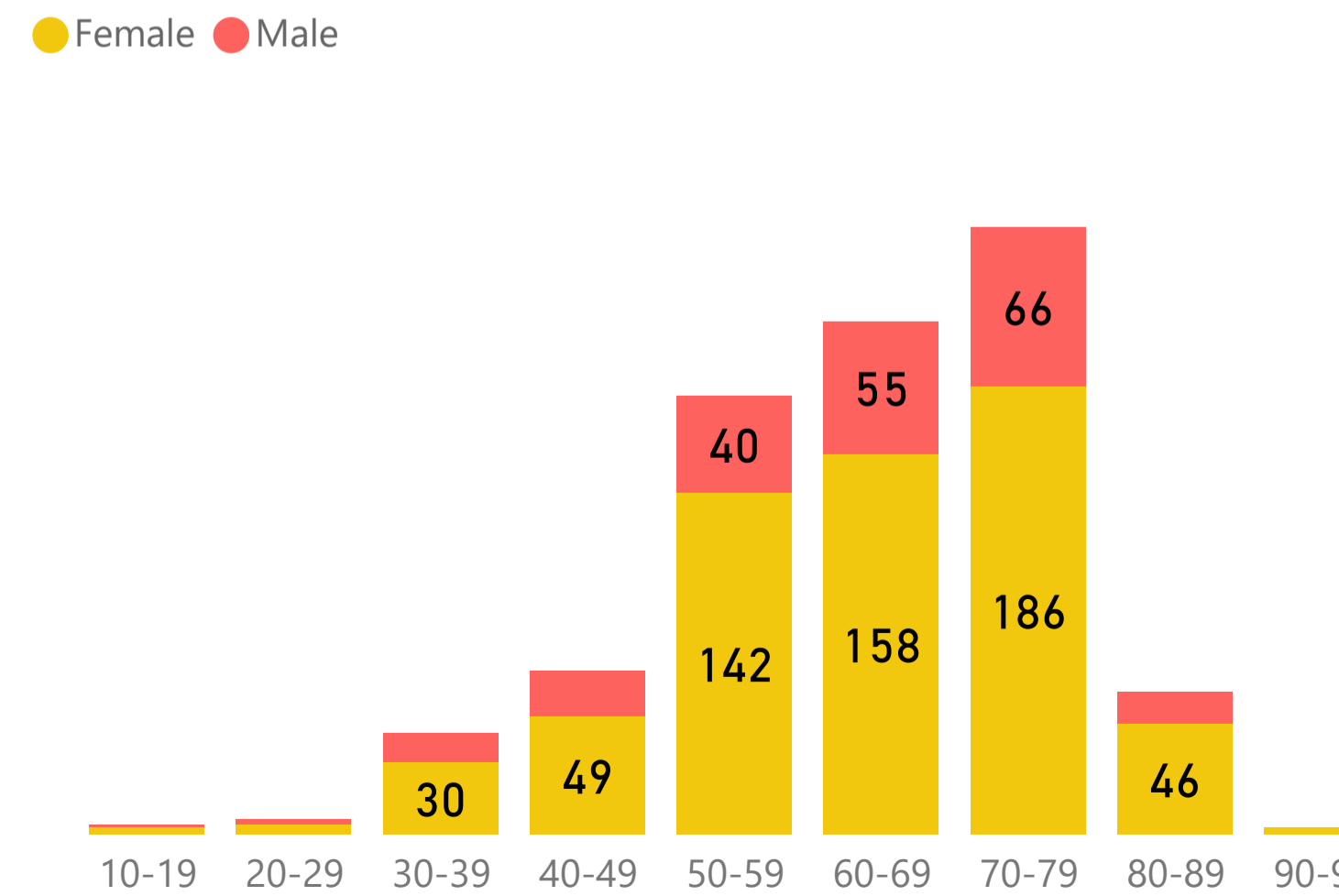
## Ethiology



## Lithium Therapy



## Age Distribution

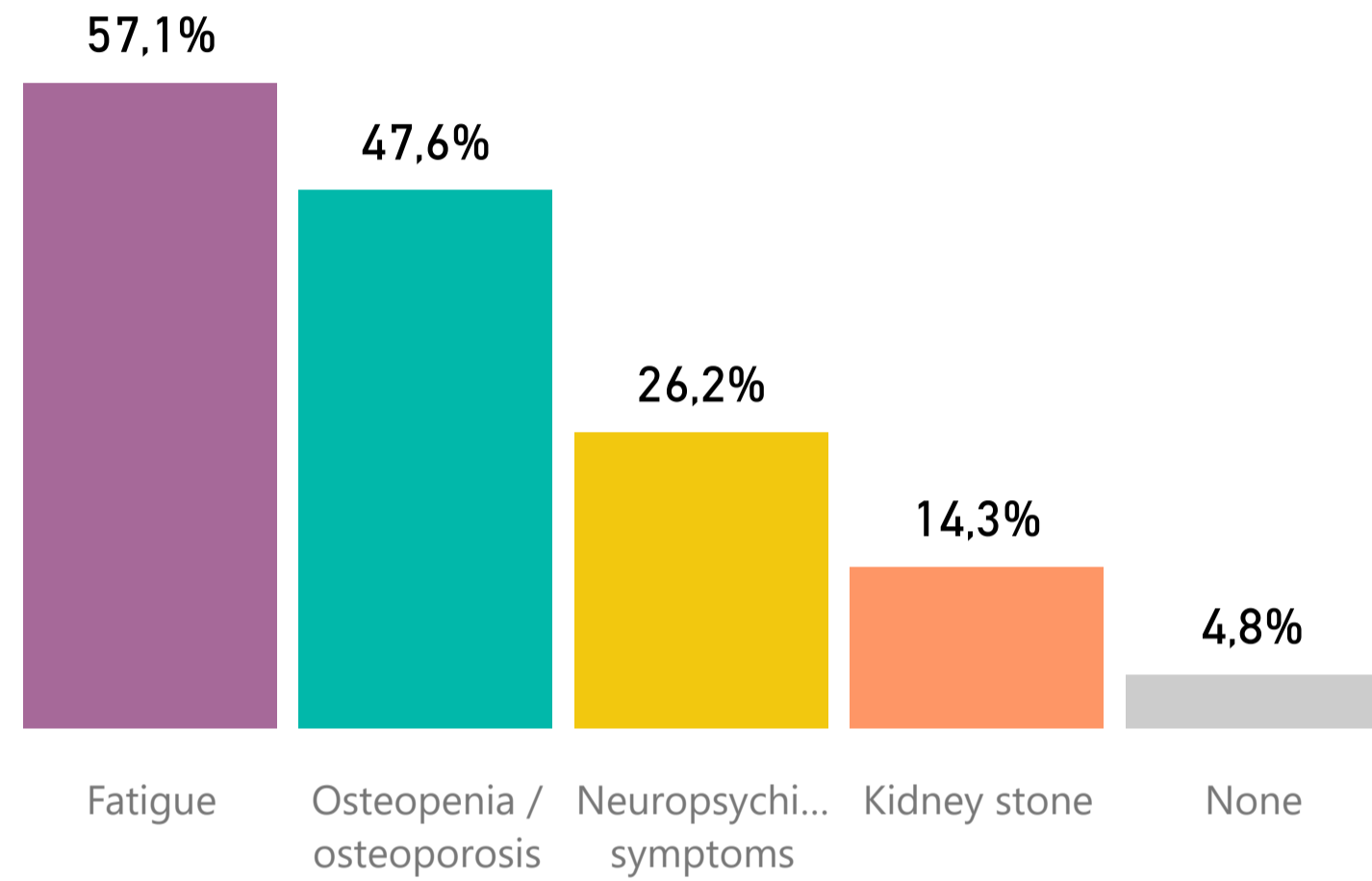


## Gender Distribution



# Symptomatology and Preoperative Workup, Sporadic Disease, Primary Operations

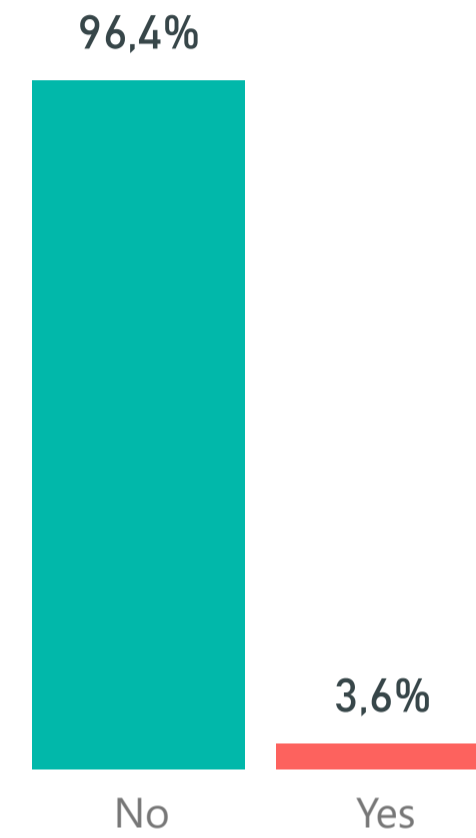
Preoperative Symptomatology



Preoperative Laryngoscopy



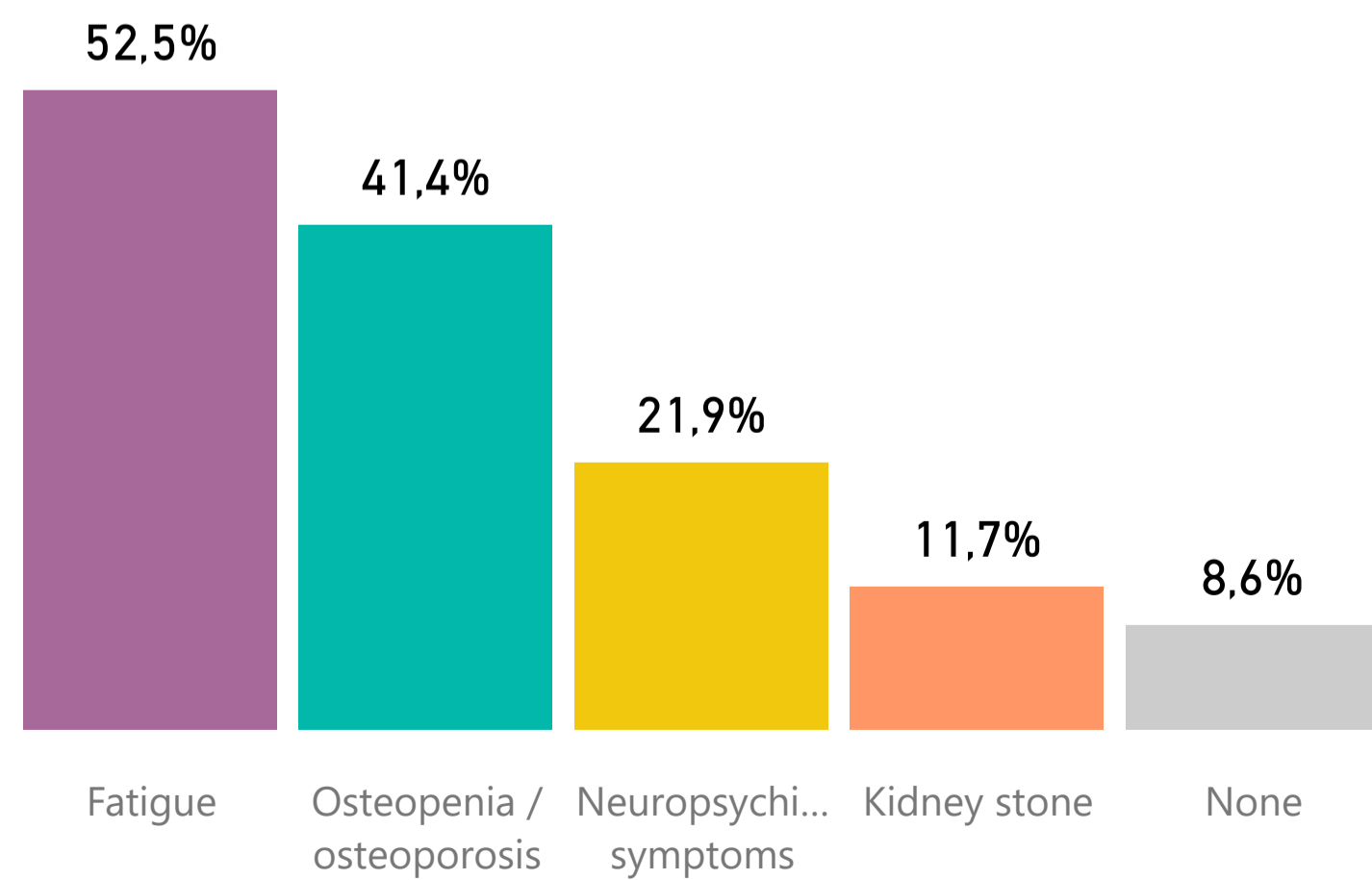
Previous Thyroid Surgery



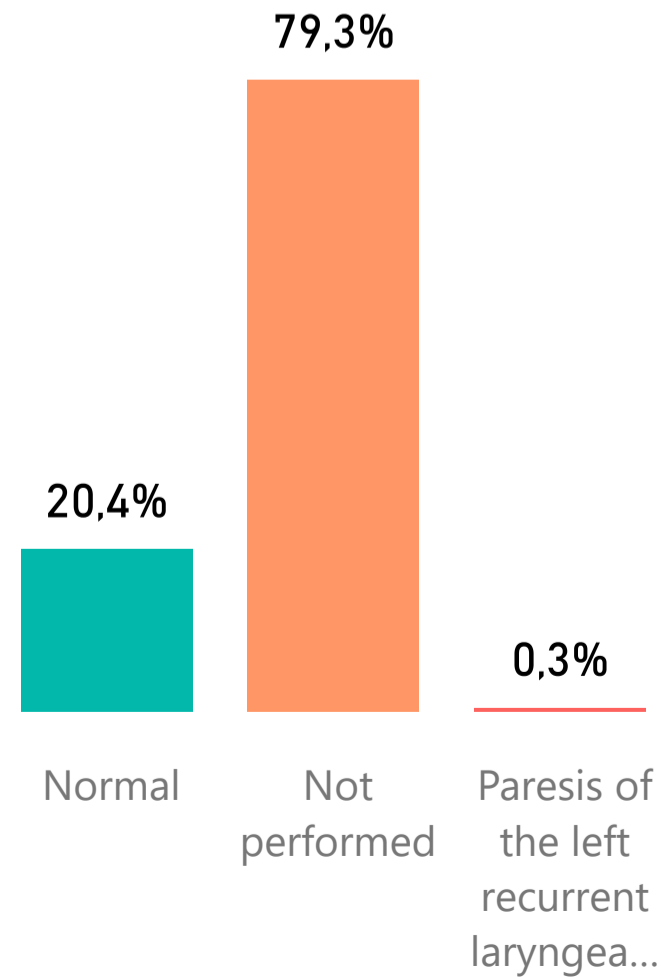
Preoperative Localisation Examinations Perf...



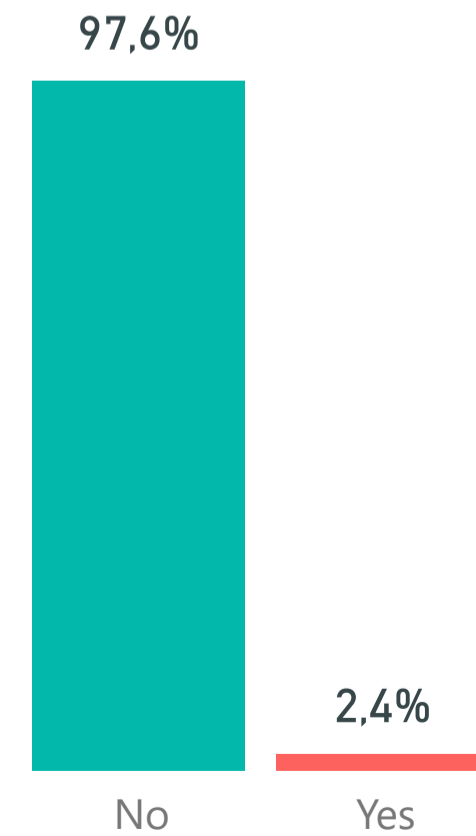
Preoperative Symptomatology



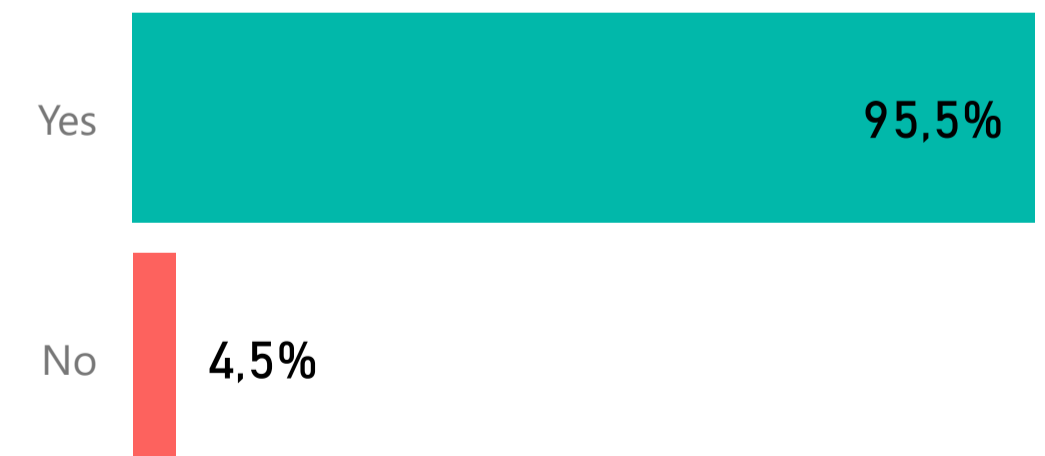
Preoperative Laryngoscopy



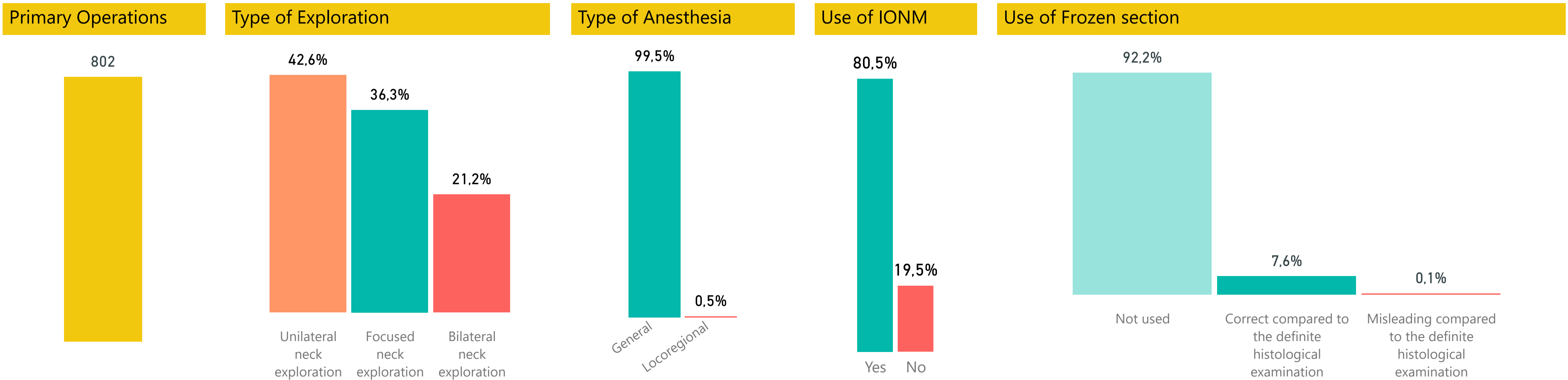
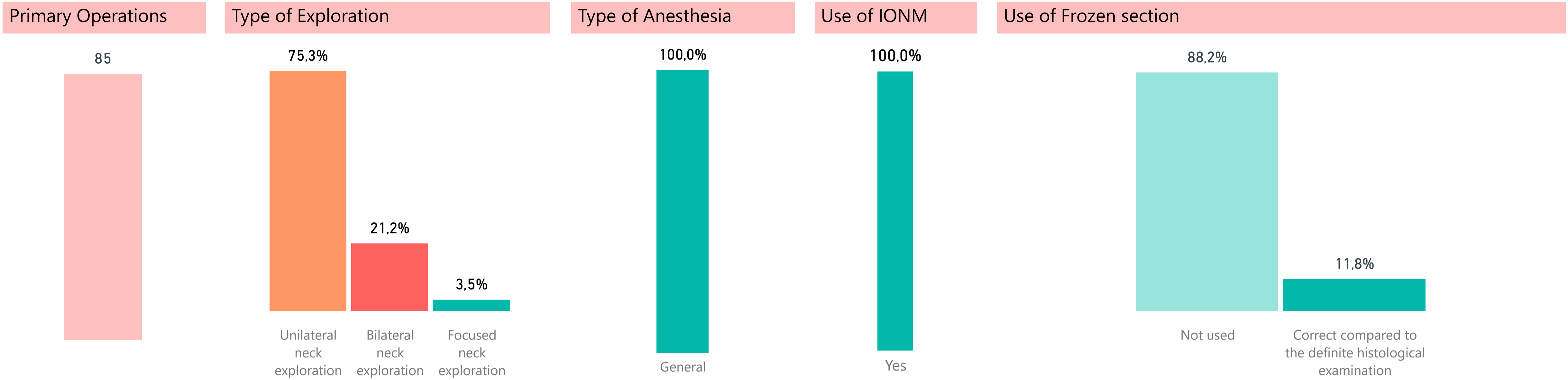
Previous Thyroid Surgery



Preoperative Localisation Examinations Perf...

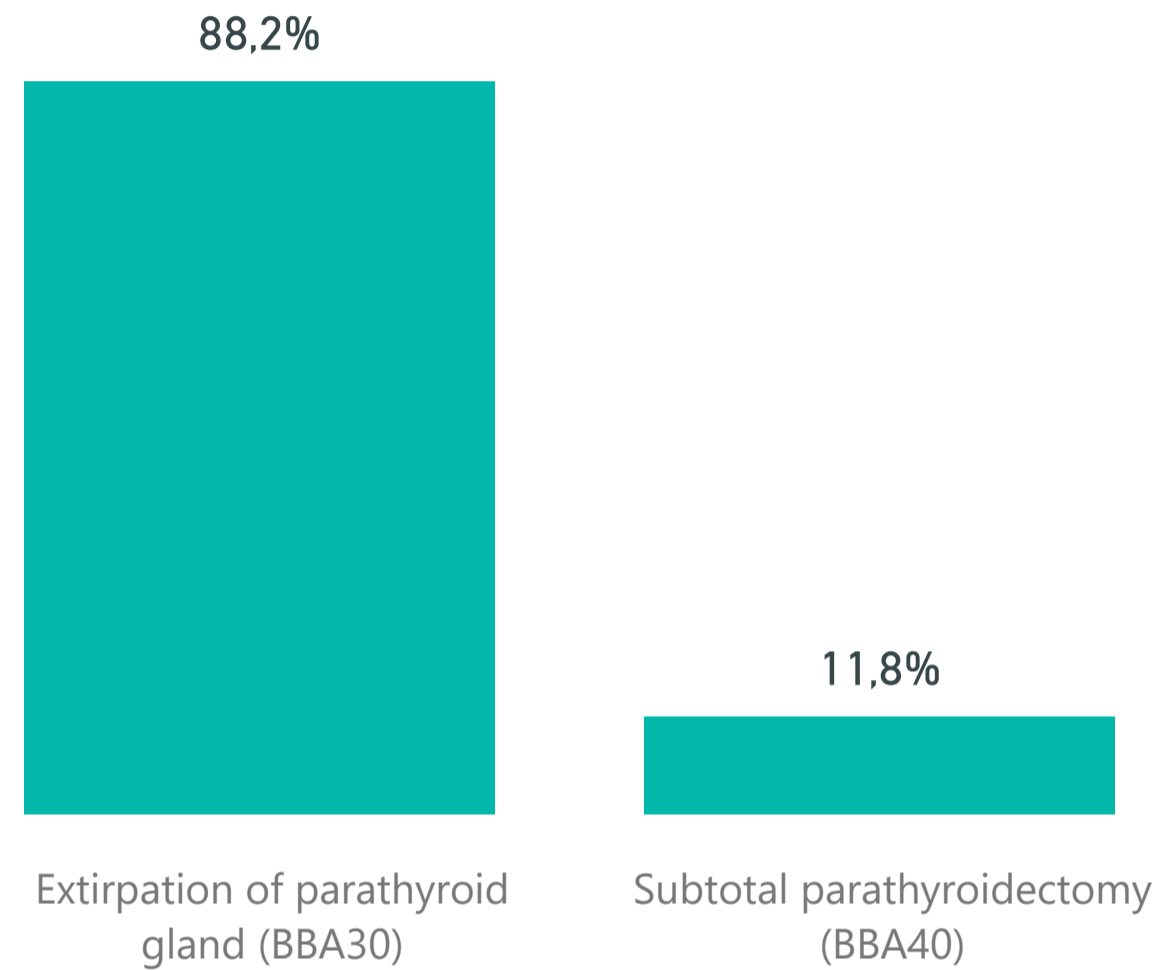


# Characteristics of Primary Operations

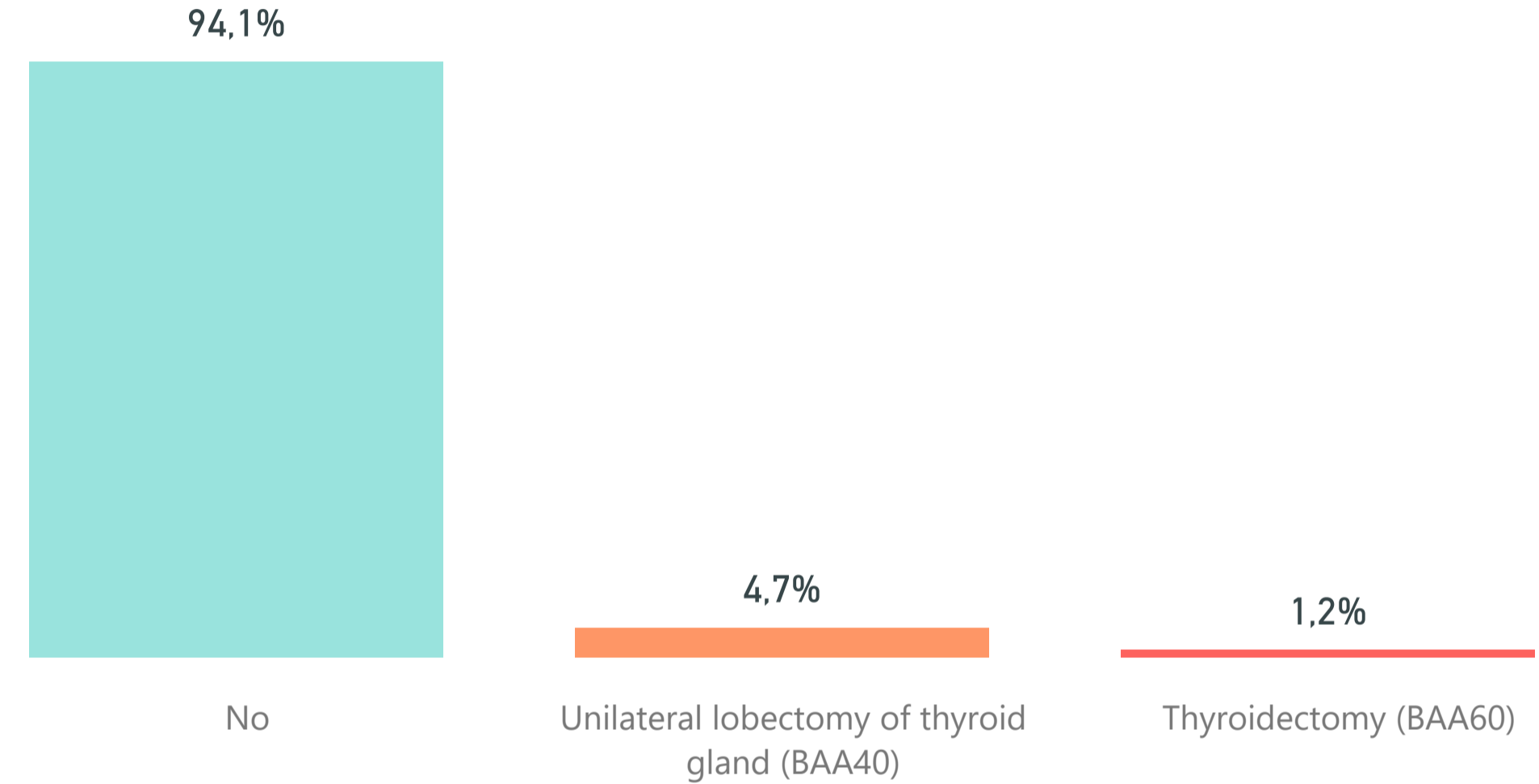


# Characteristics of Primary Operations

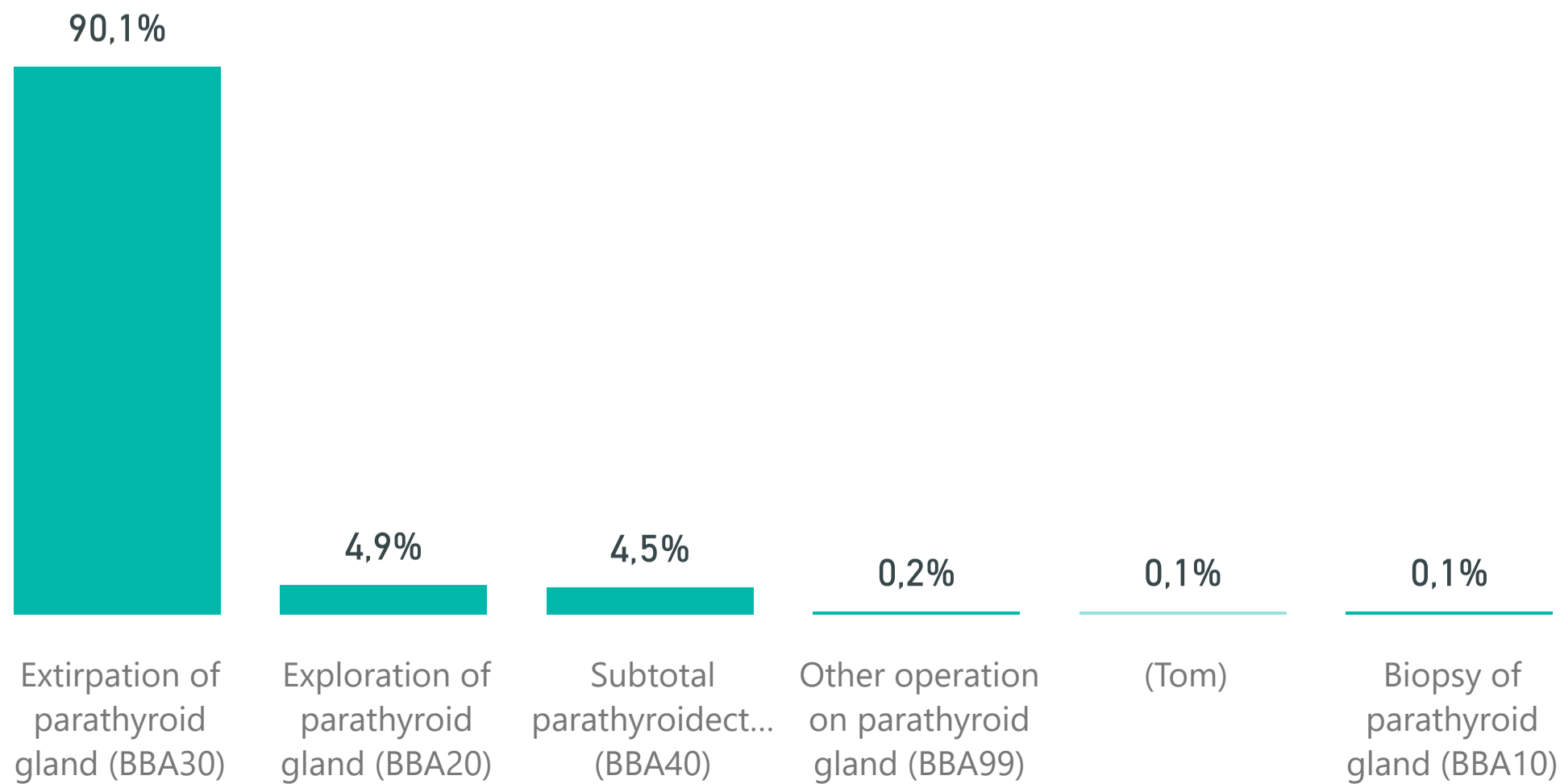
## Type of Resection



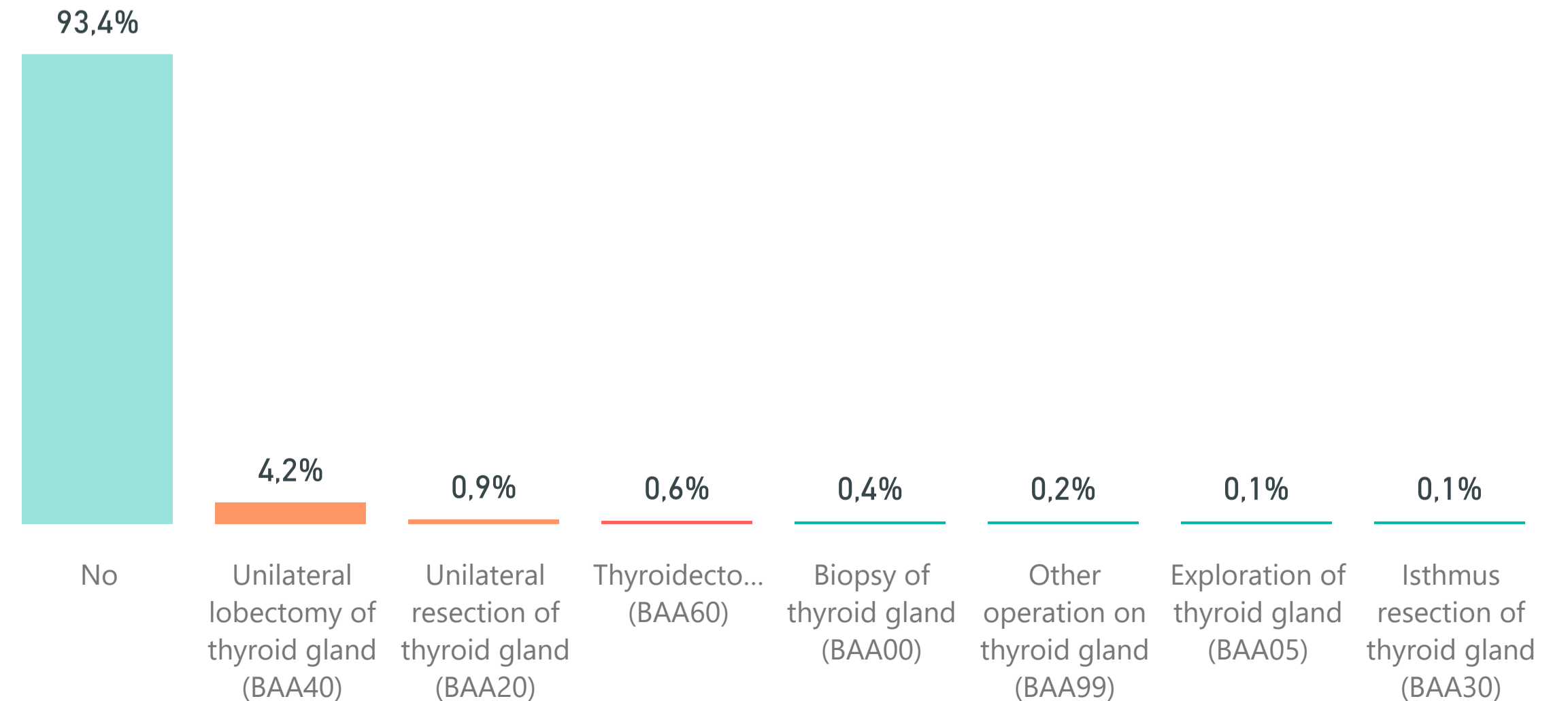
## Concomittant Thyroid Resection



## Type of Resection

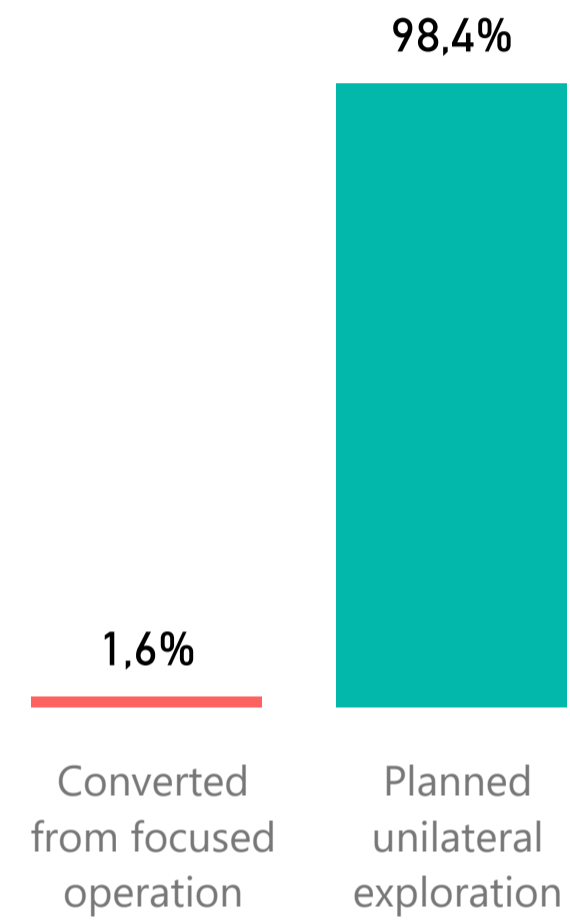


## Concomittant Thyroid Resection

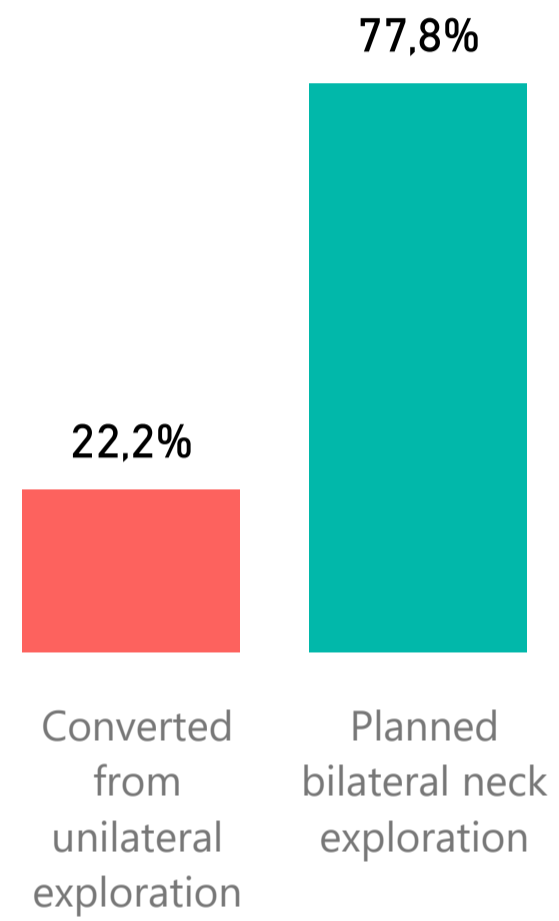


# Characteristics of Primary Operations

## Conversion Rate to Unilateral Exploration



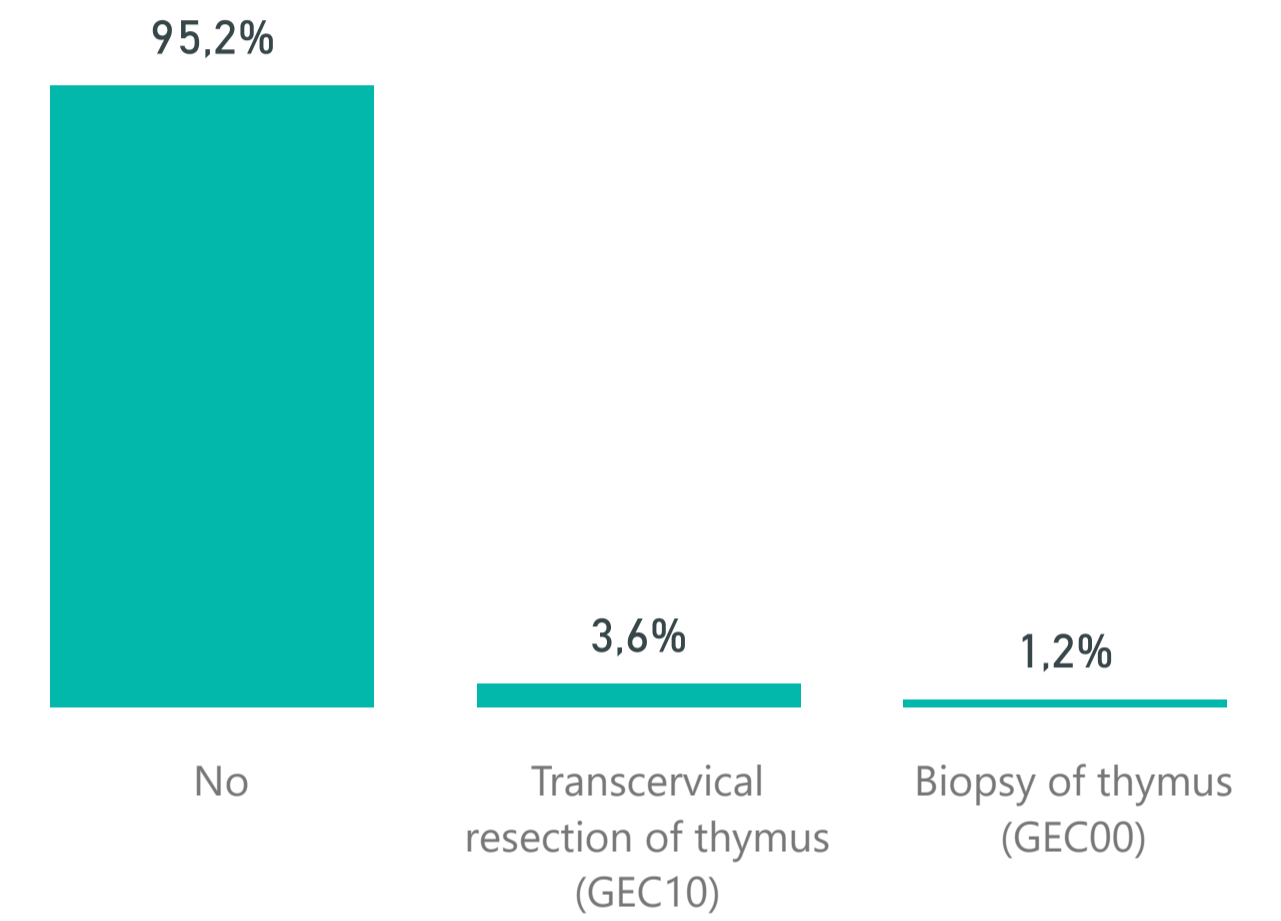
## Conversion Rate to Bilateral Exploration



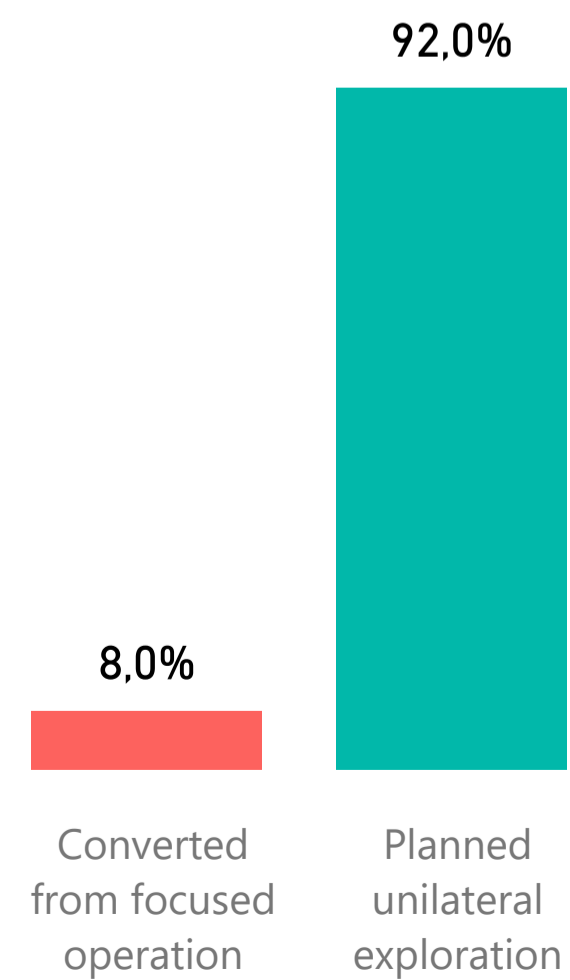
## Thoracic Explorations



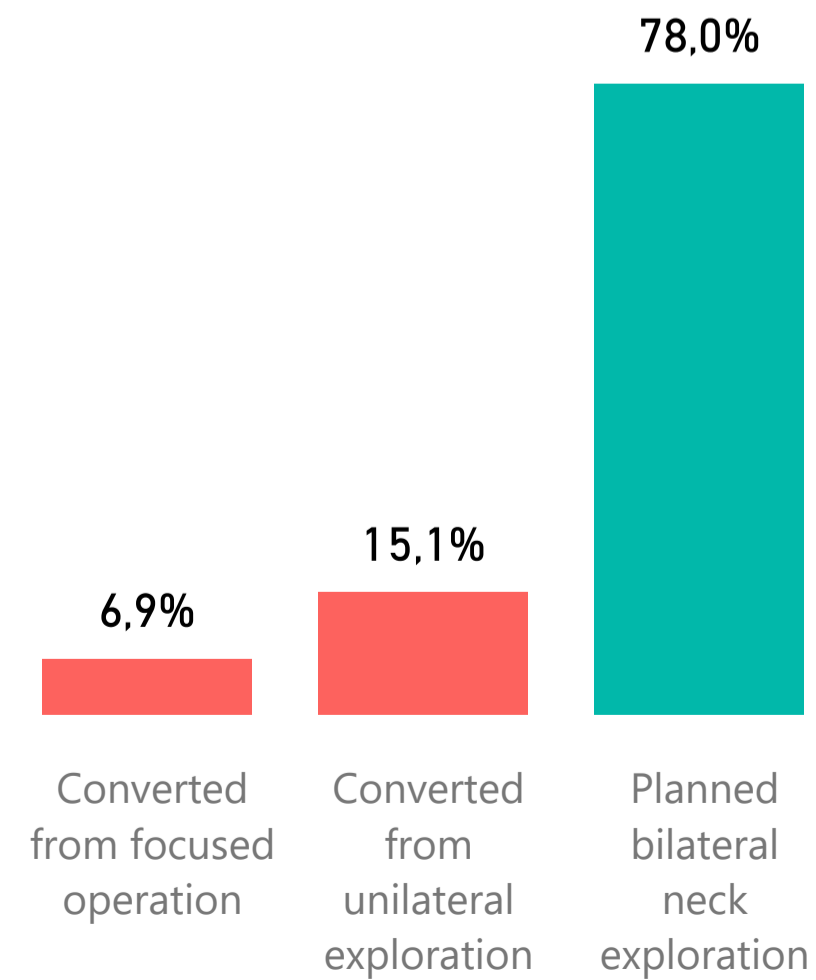
## Thymic Resections



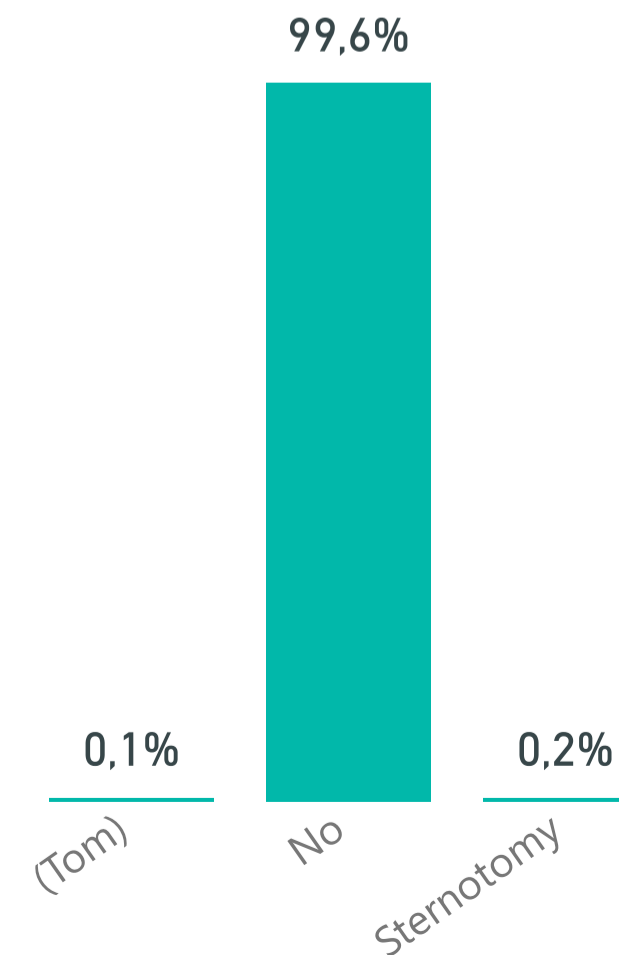
## Conversion Rate to Unilateral Exploration



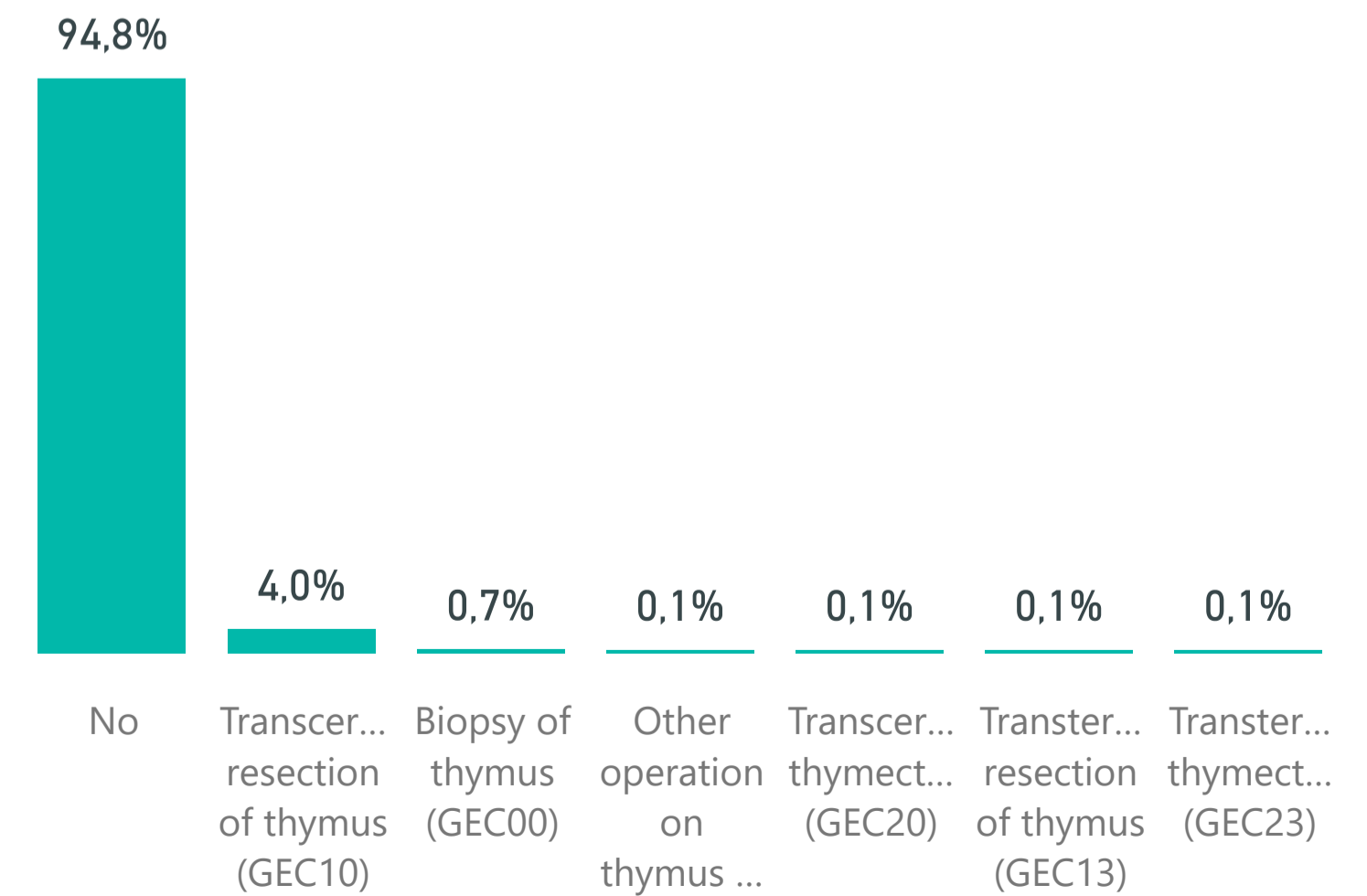
## Conversion Rate to Bilateral Exploration



## Thoracic Explorations



## Thymic Resections

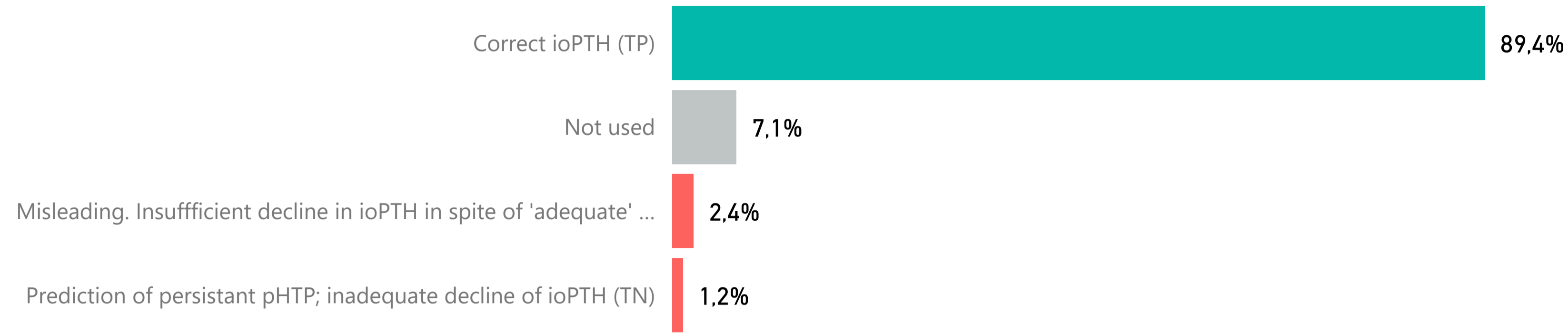




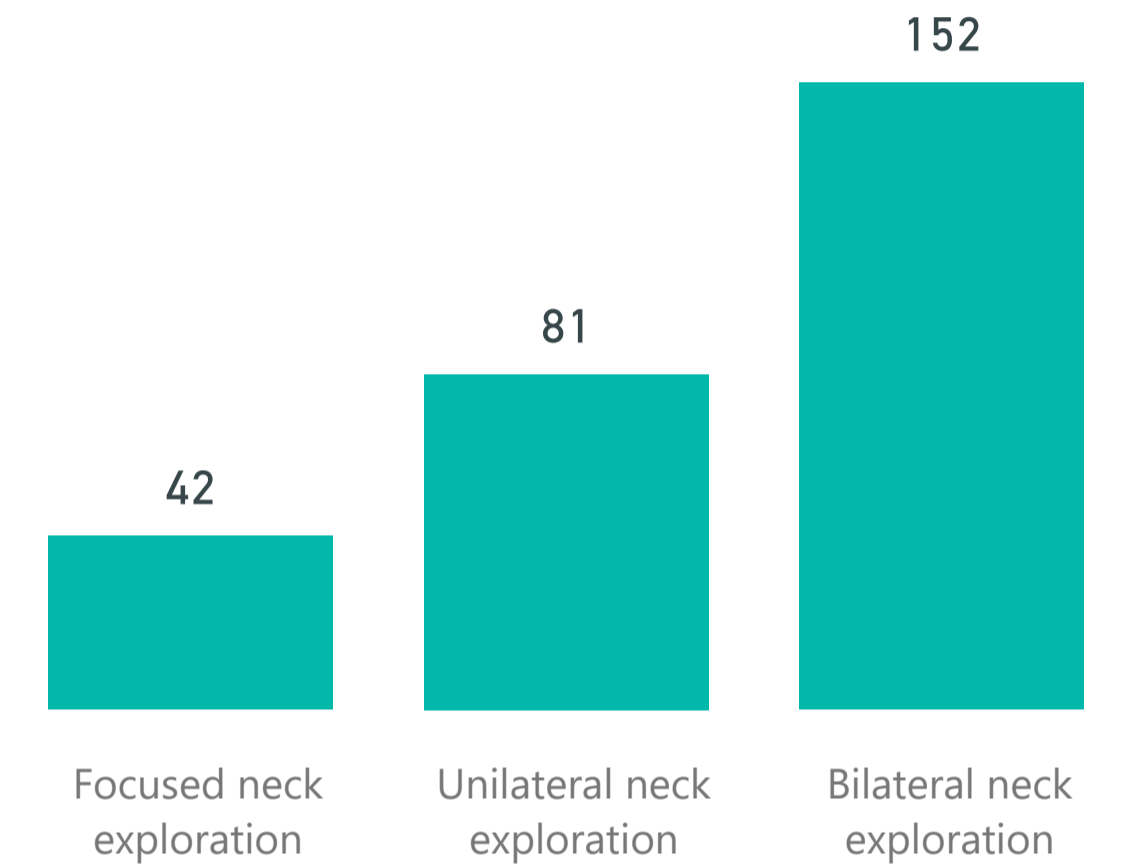
# Characteristics of Primary Operations



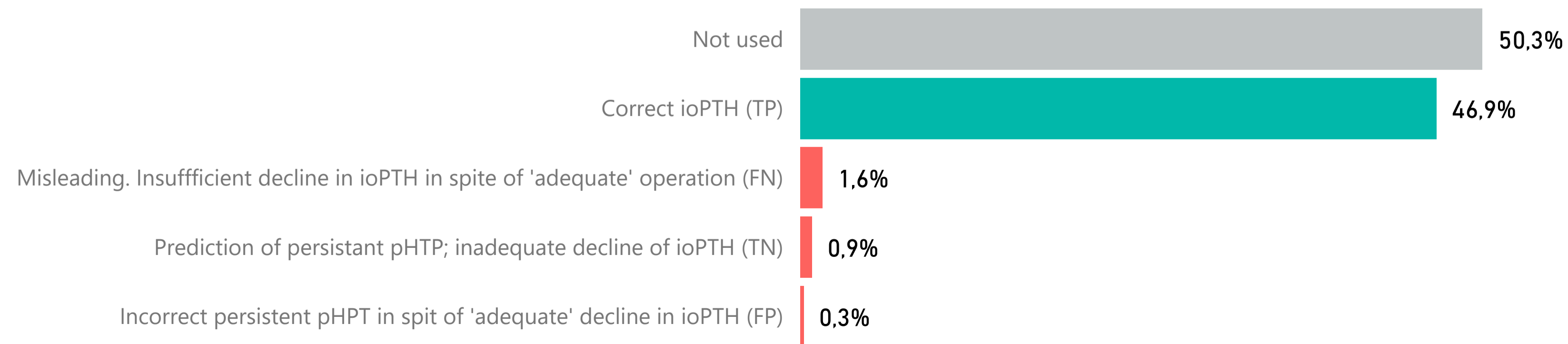
## Results of Intraoperative PTH-Monitoring



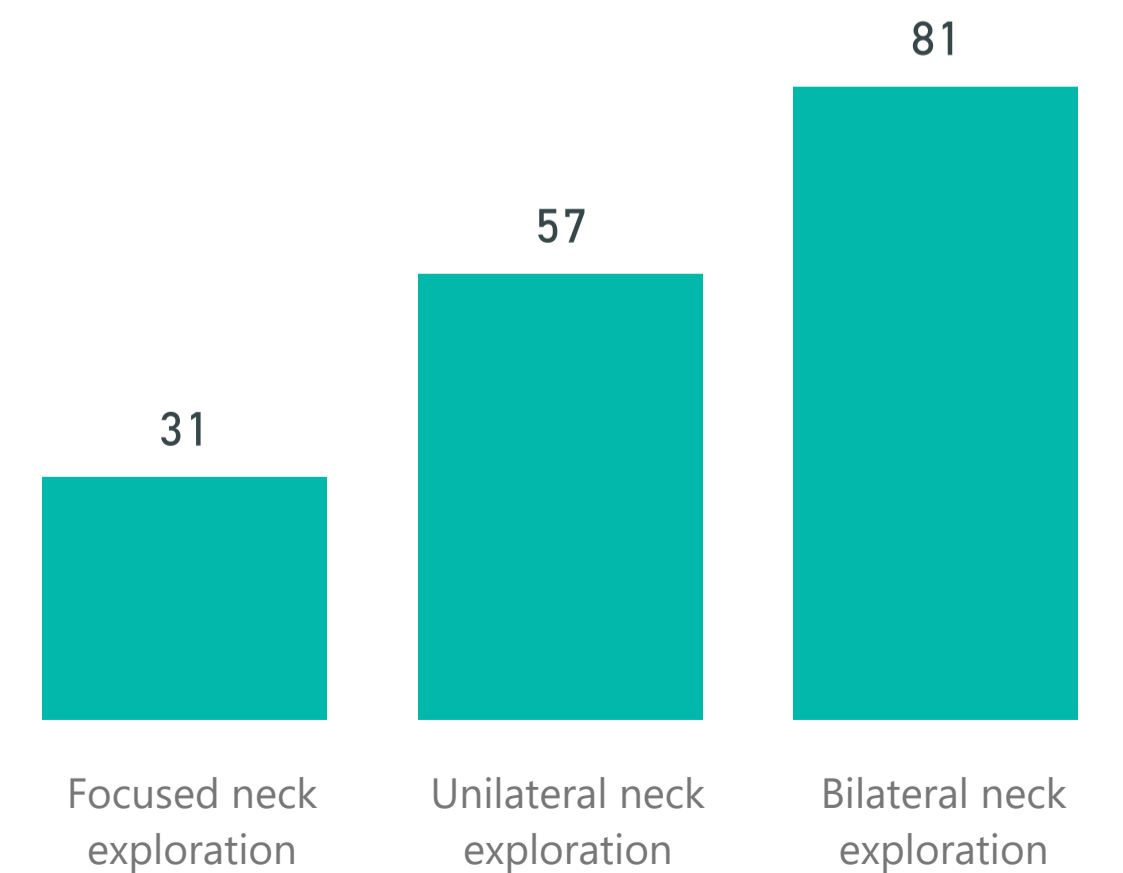
## Median Operating Time, skin to skin (minutes)



## Results of Intraoperative PTH-Monitoring



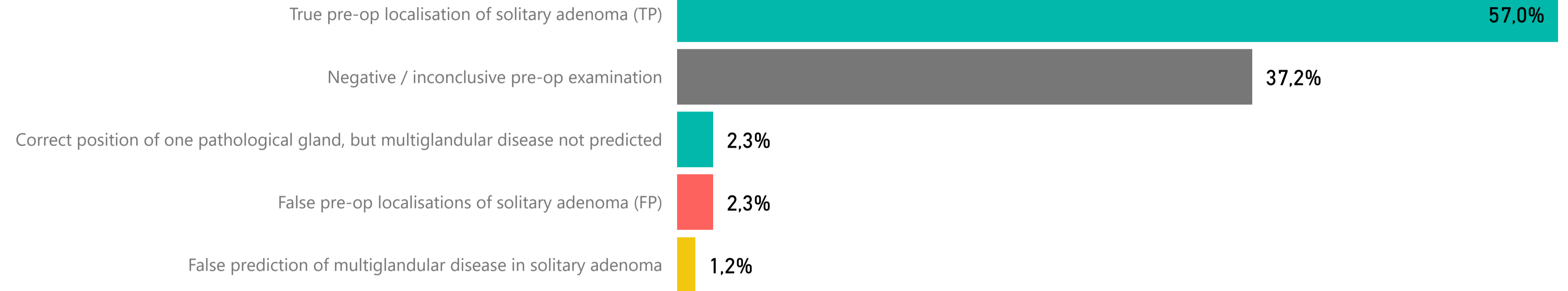
## Median Operating Time, skin to skin (minutes)



Number of US performed

86

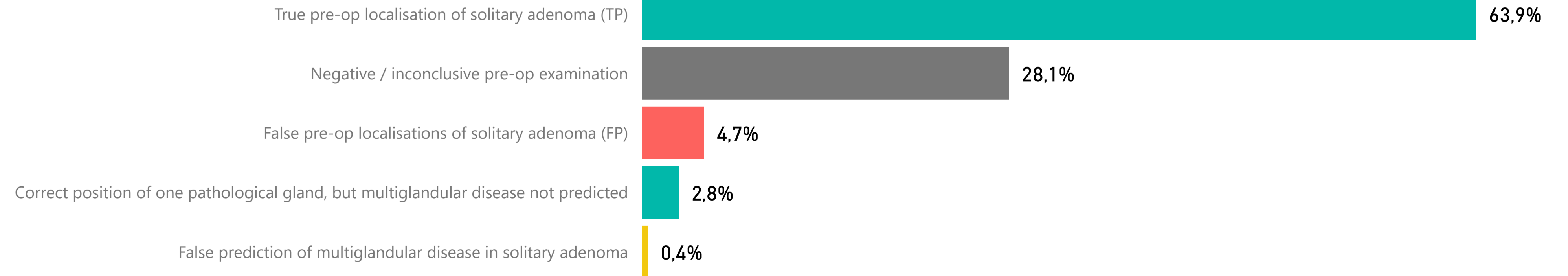
## Ultrasound Assessment in Relation to Intraoperative Finding



Number of US performed

676

## Ultrasound Assessment in Relation to Intraoperative Finding

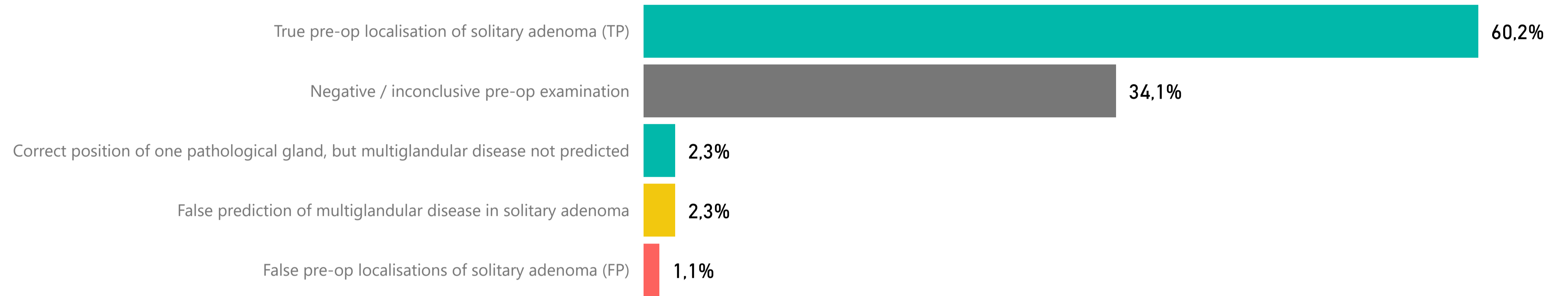


# Assessment of Preoperative Localisations Studies

Number of Scintigraphies performed

88

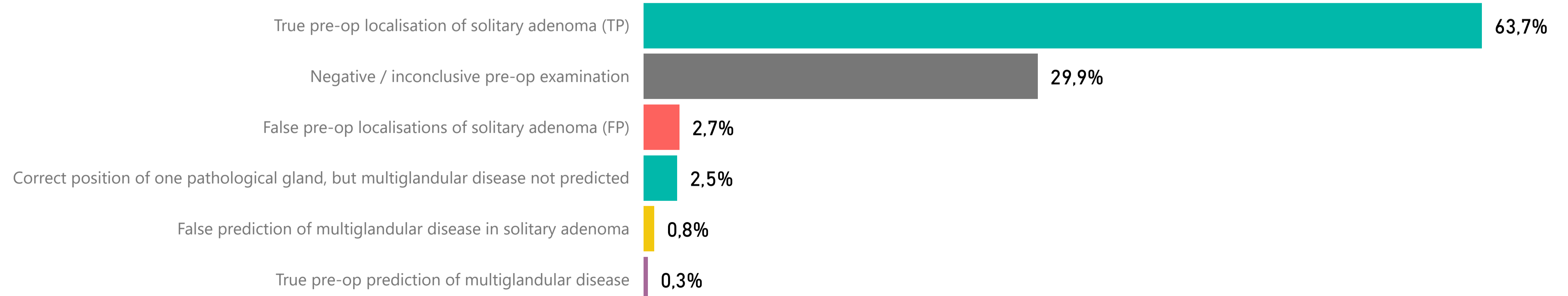
## Sestamibi-Scintigraphy Assessment in Relation to Intraoperative Finding



Number of Scintigraphies performed

628

## Sestamibi-Scintigraphy Assessment in Relation to Intraoperative Finding



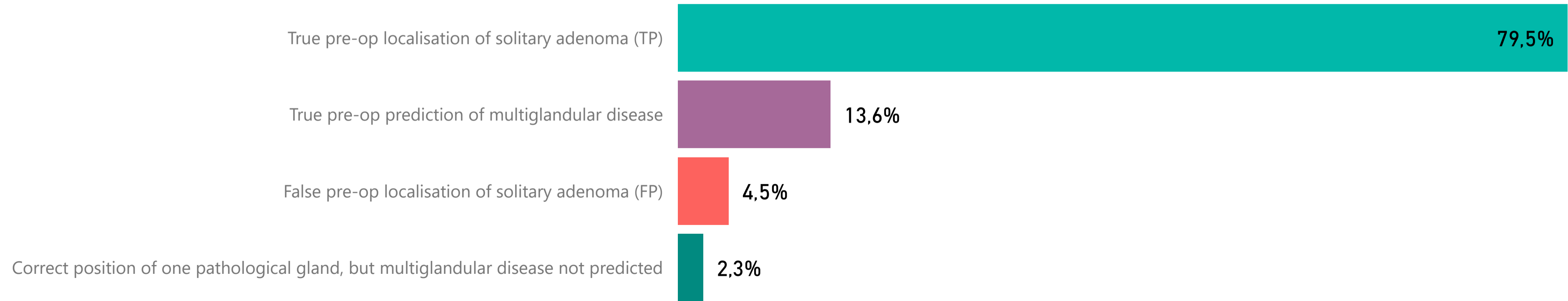
Number of PET CT performed

18F Choline PET CT Assessment in Relation to Intraoperative Finding



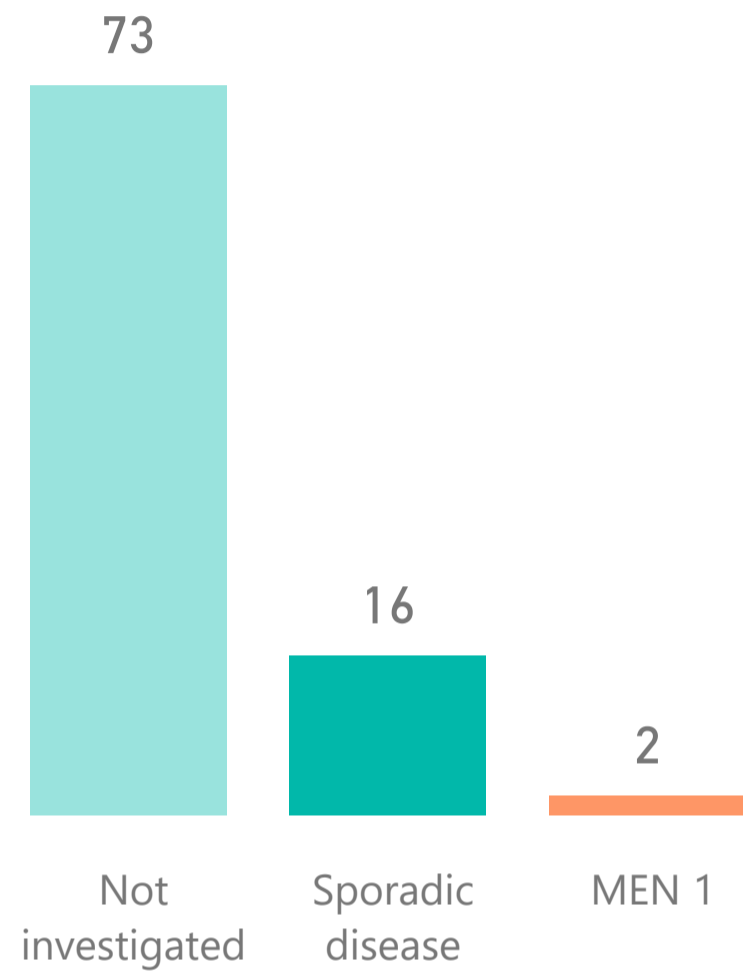
Number of PET CT performed

18F Choline PET CT Assessment in Relation to Intraoperative Finding

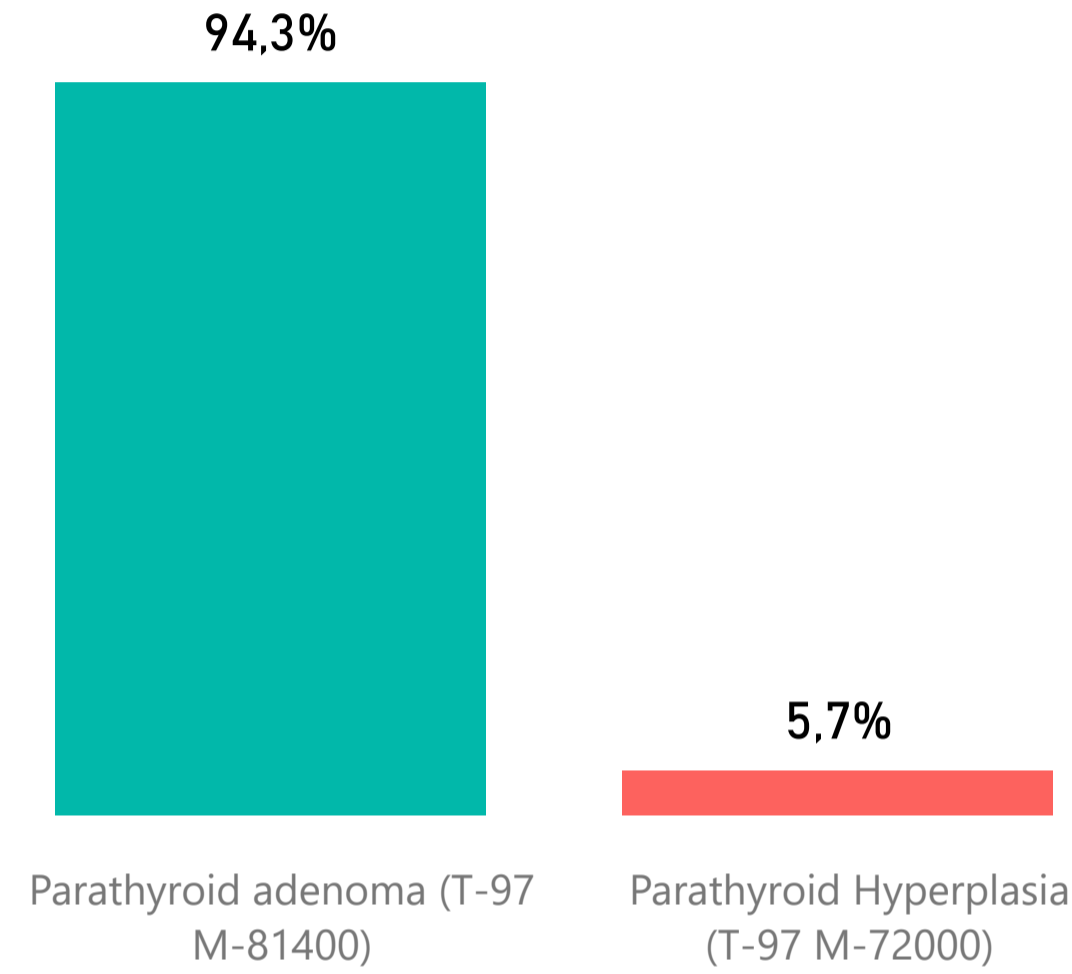


# Histopathology Results

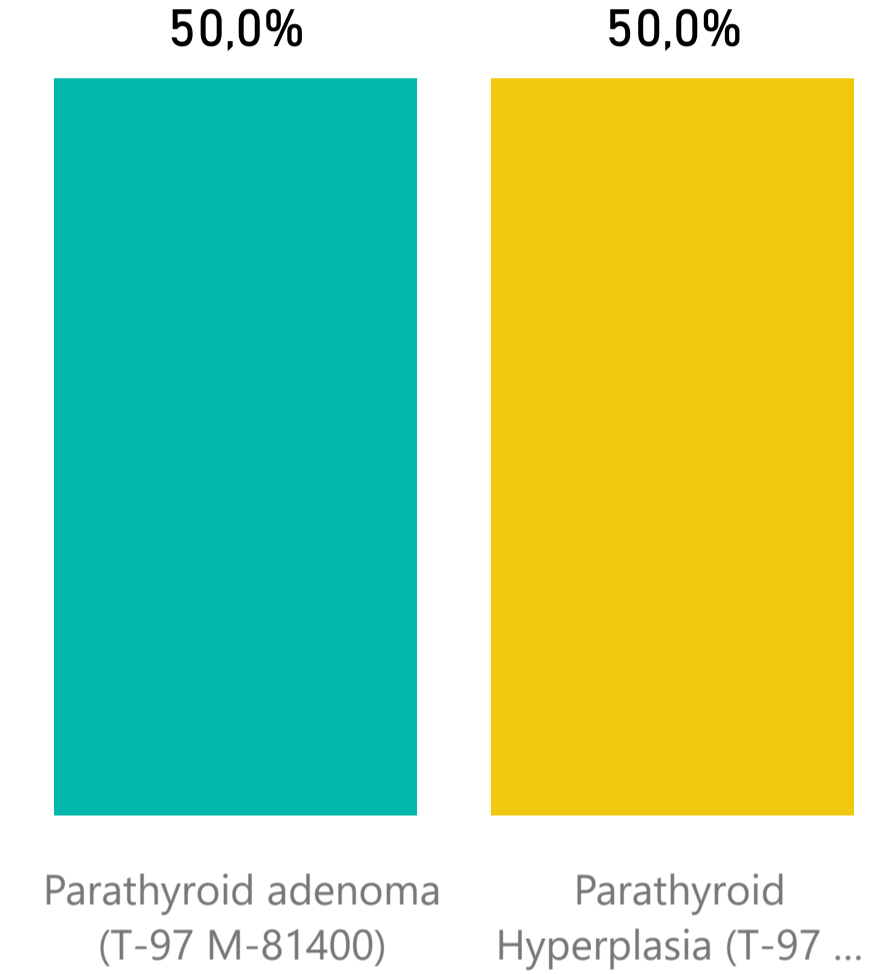
## Number of Operations



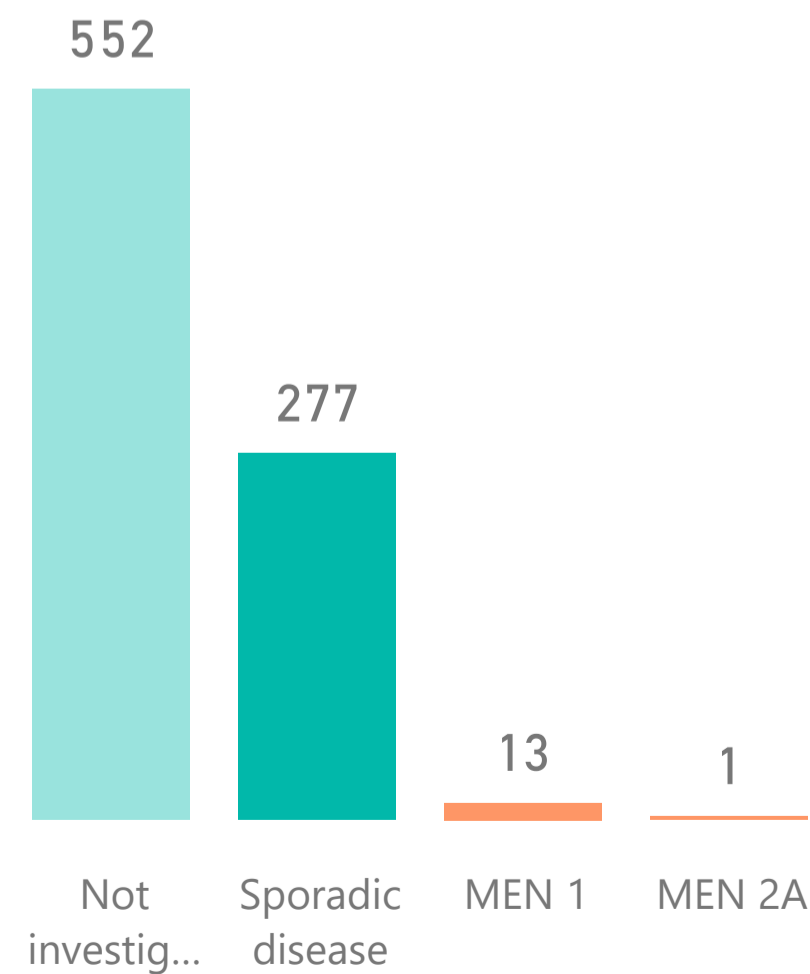
## Histopathology (Sporadic Disease)



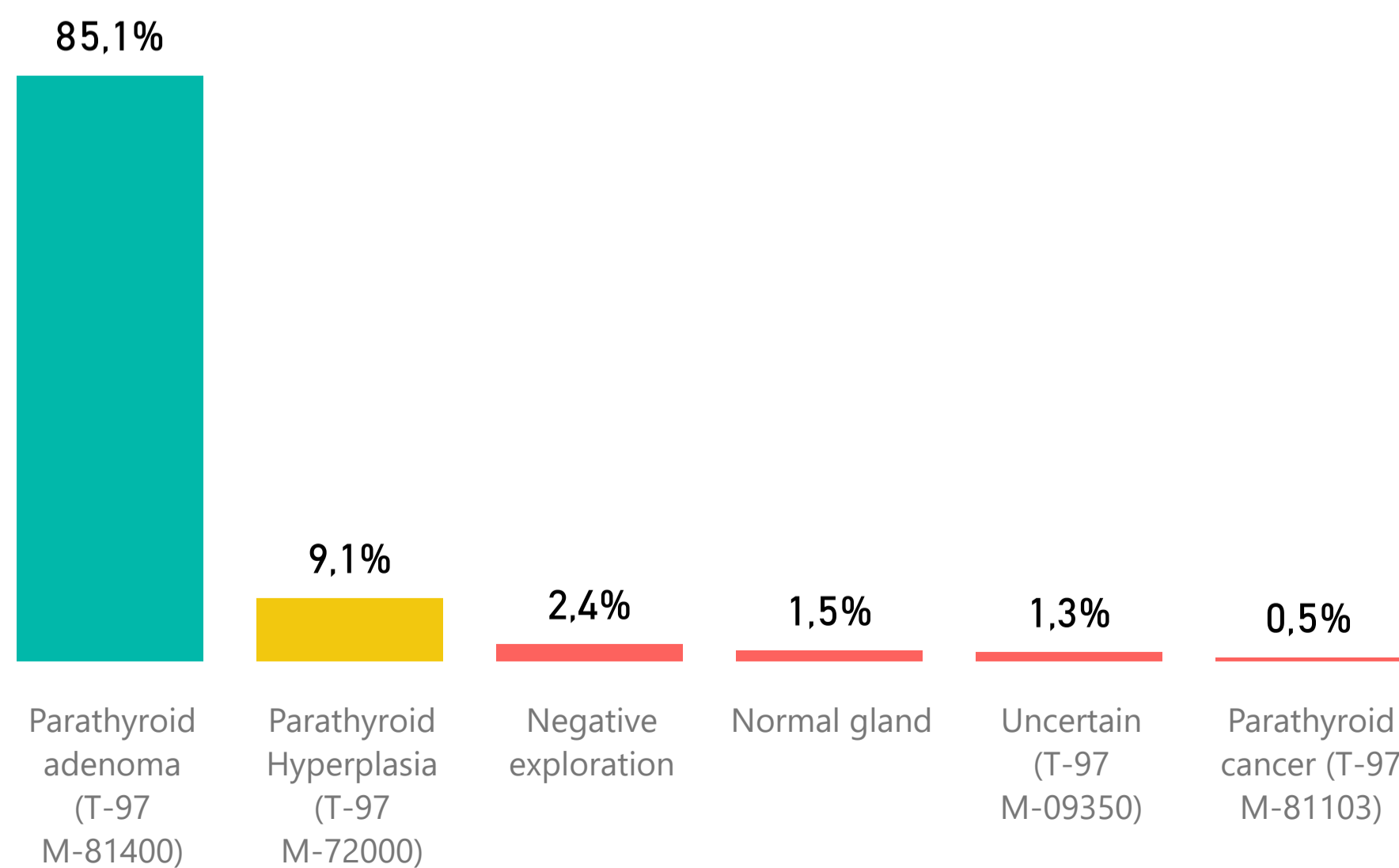
## Histopathology (Hereditary Disease)



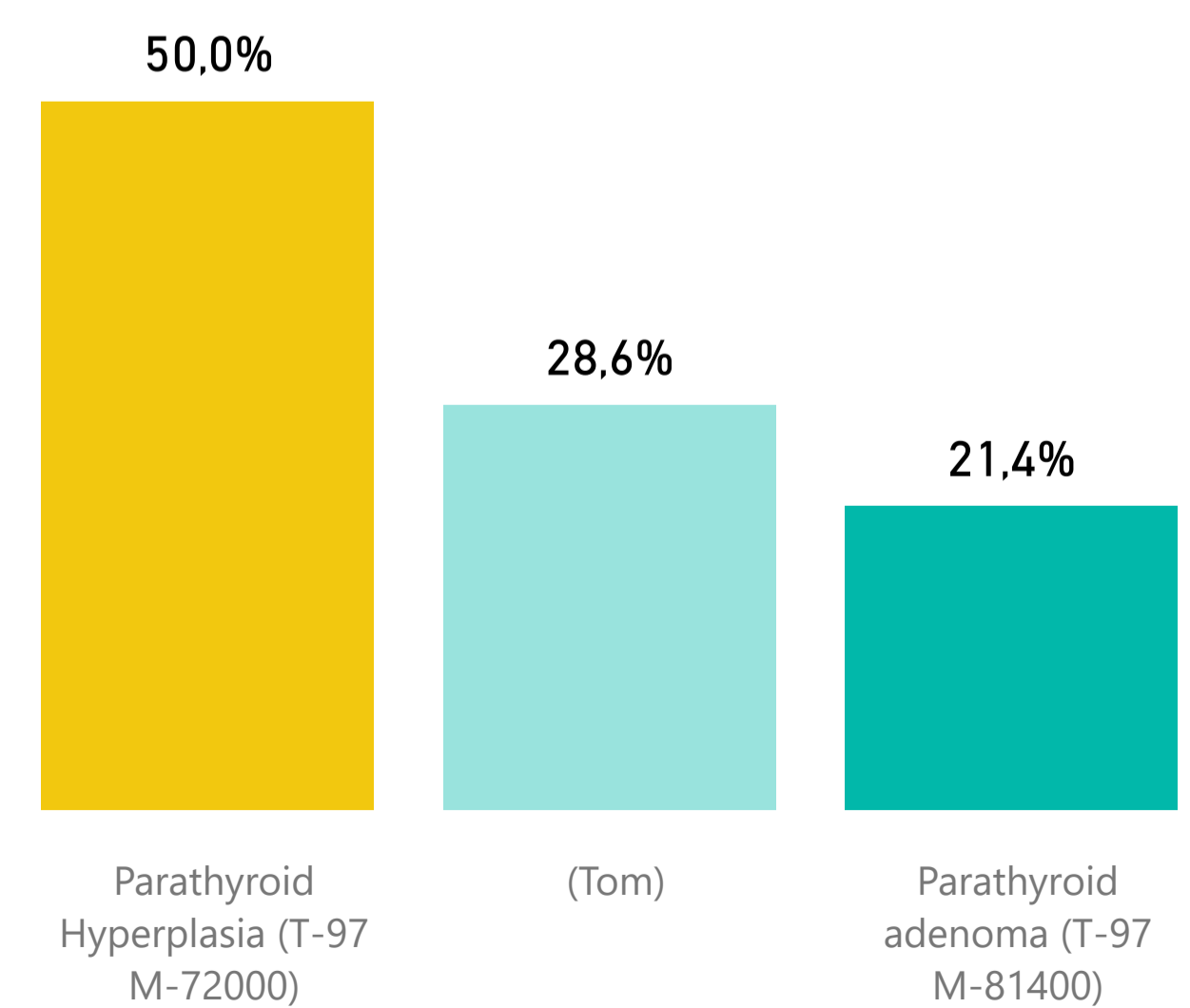
## Number of Operations



## Histopathology (Sporadic Disease)

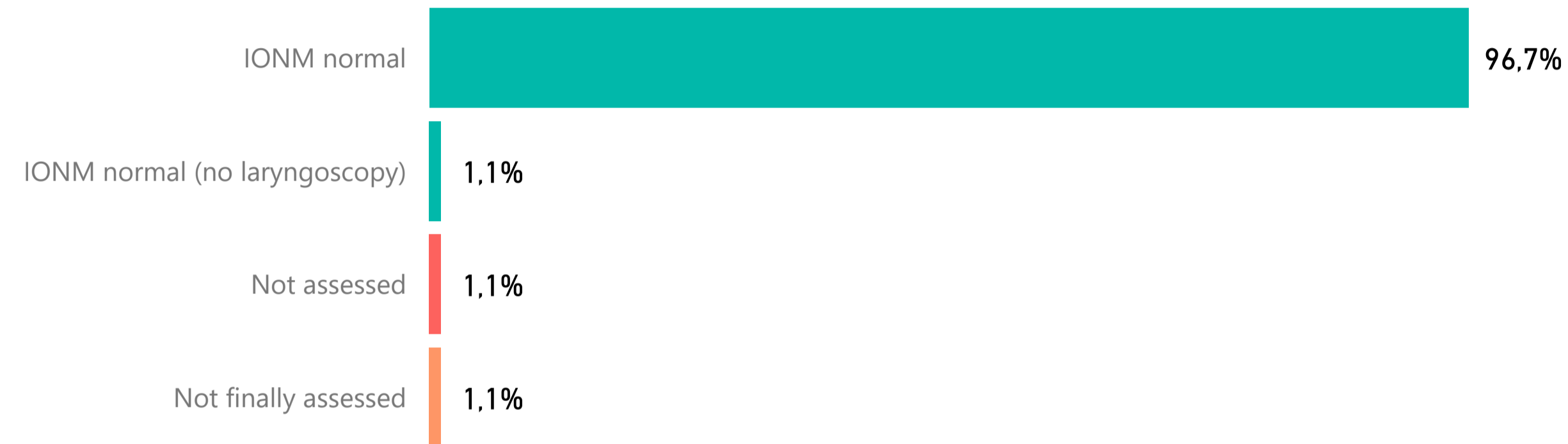


## Histopathology (Hereditary Disease)

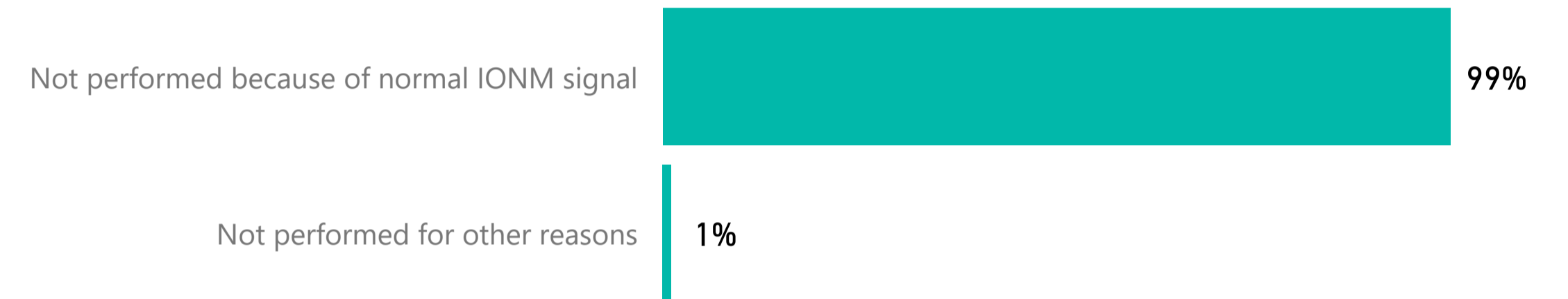


# Postoperative Recurrent Laryngeal Nerve Function

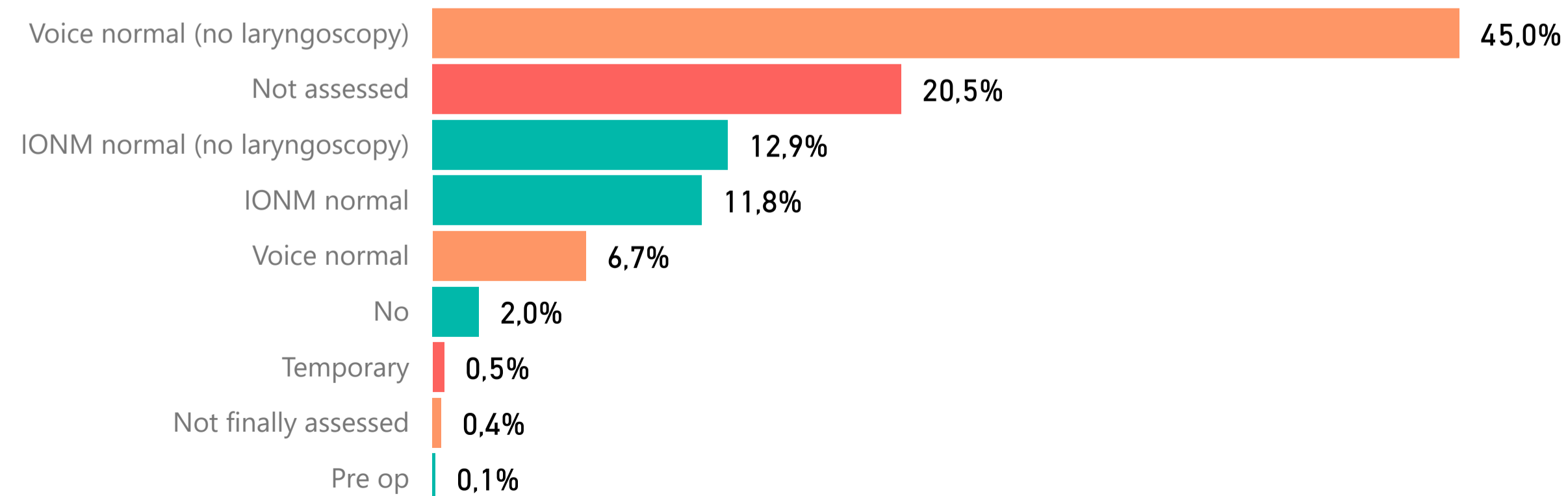
## Complication Summary - Recurrent Nerve Palsy - All Operations - Latest Available Follow-up



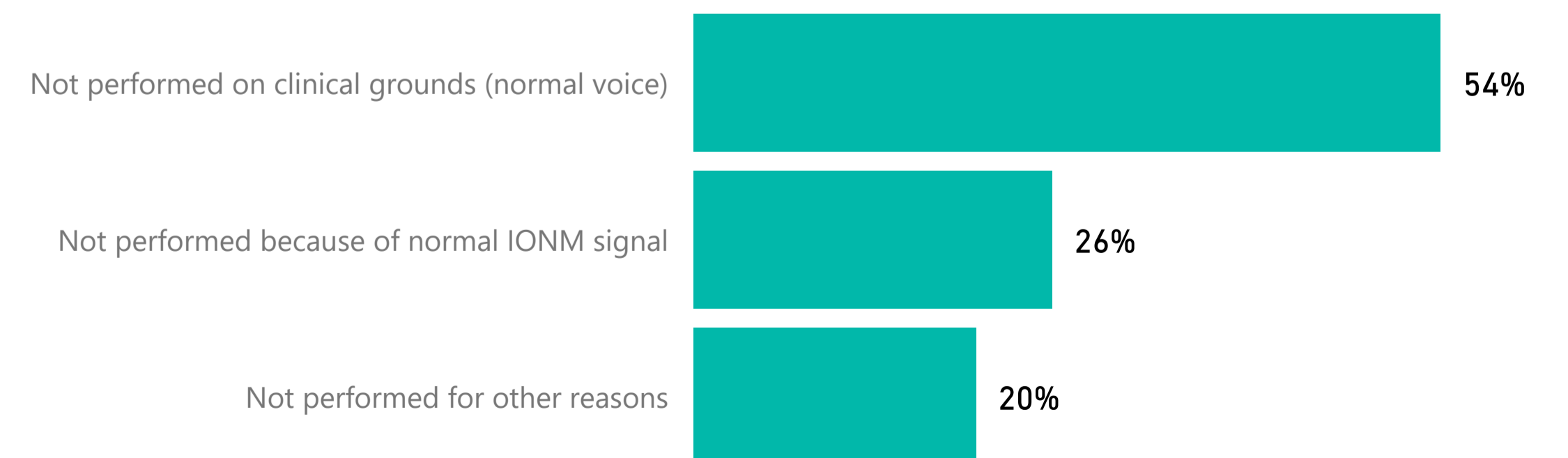
## Reasons for Not Performing Laryngoscopy (Variable Introduced in 2023)



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



## Reasons for Not Performing Laryngoscopy (Variable Introduced in 2023)



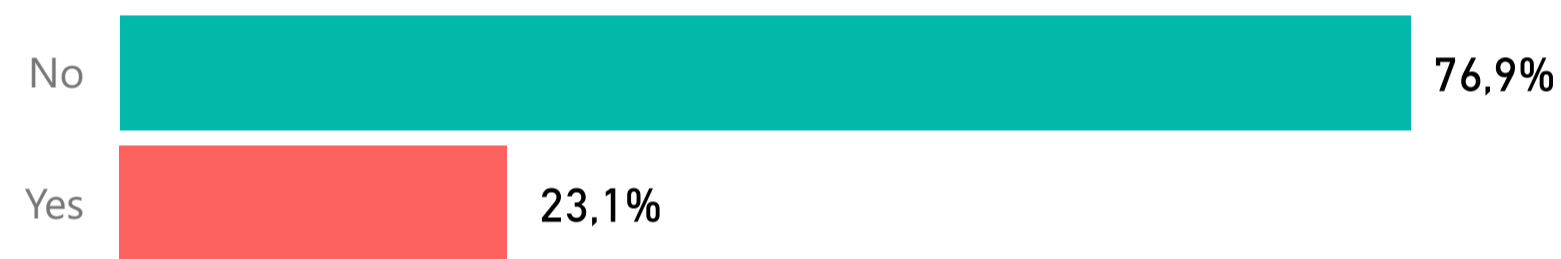
# Parathyroid Functional Outcome



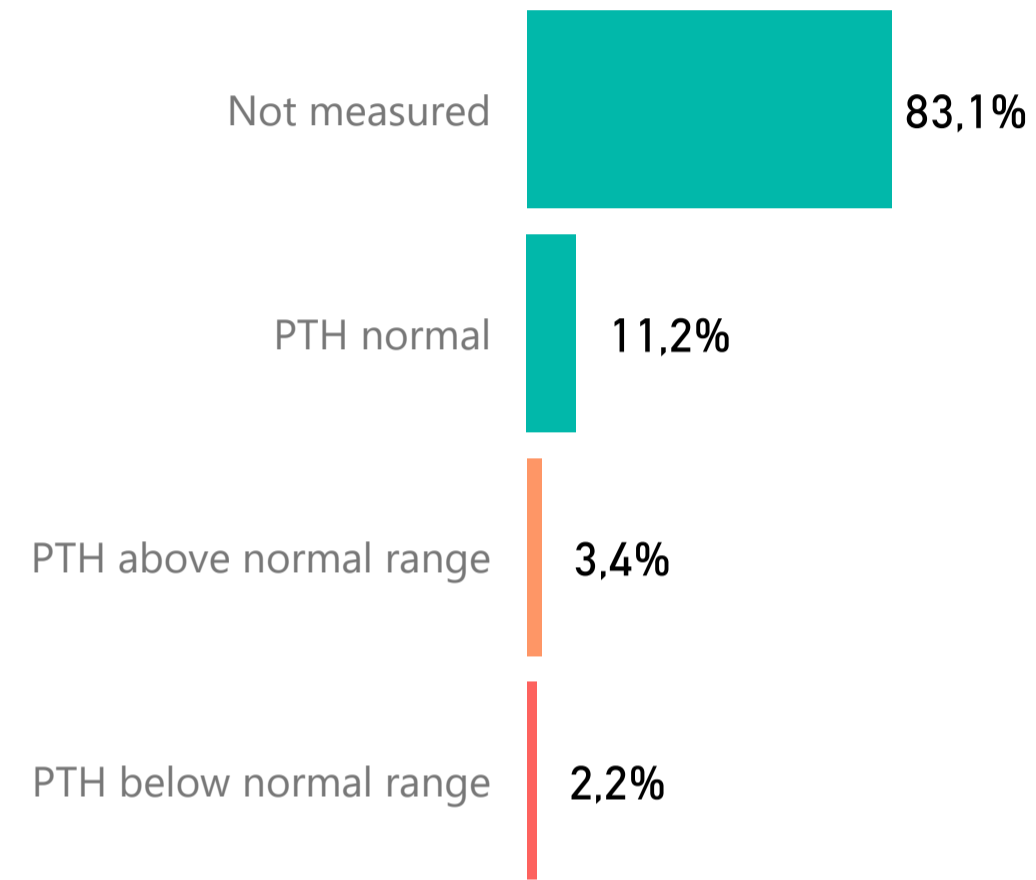
## Calcium Therapy at Discharge for Parathyroid Insufficiency



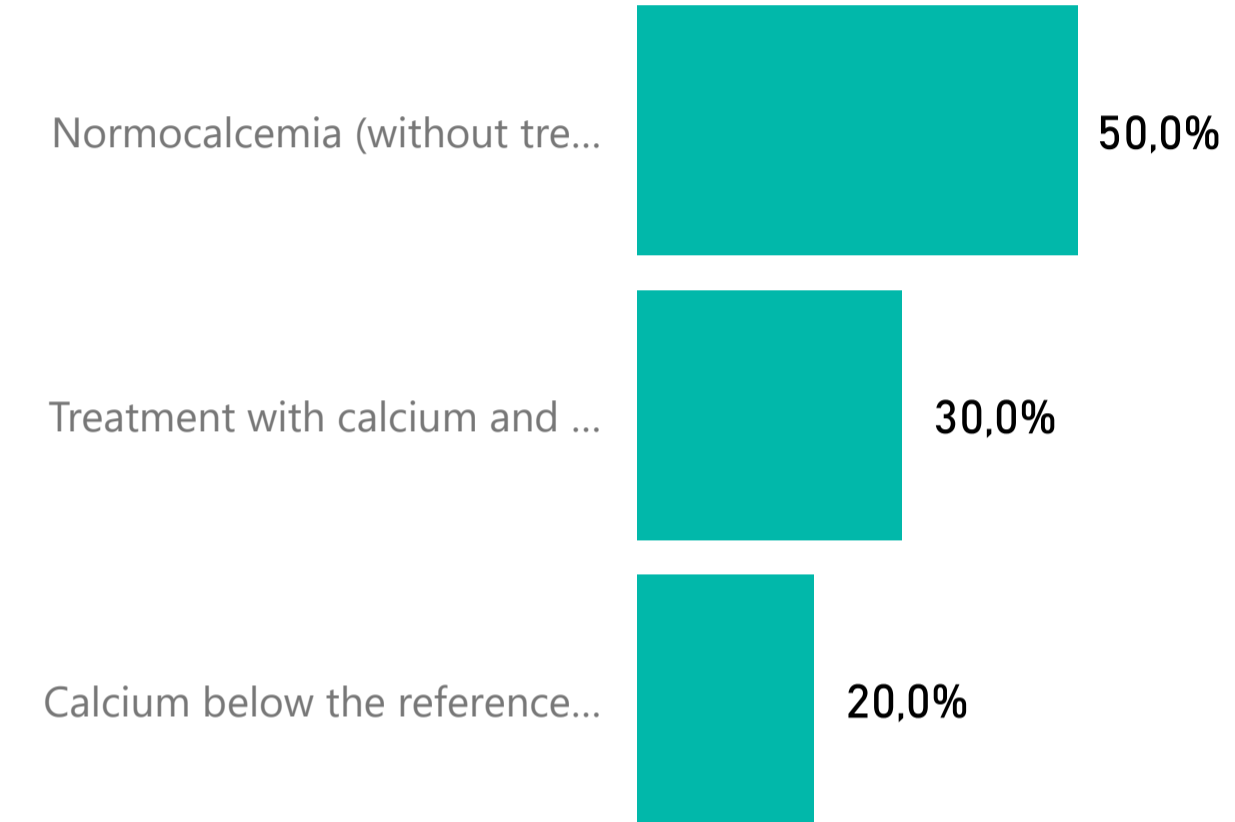
## Vit D Therapy at Discharge for Parathyroid Insufficiency



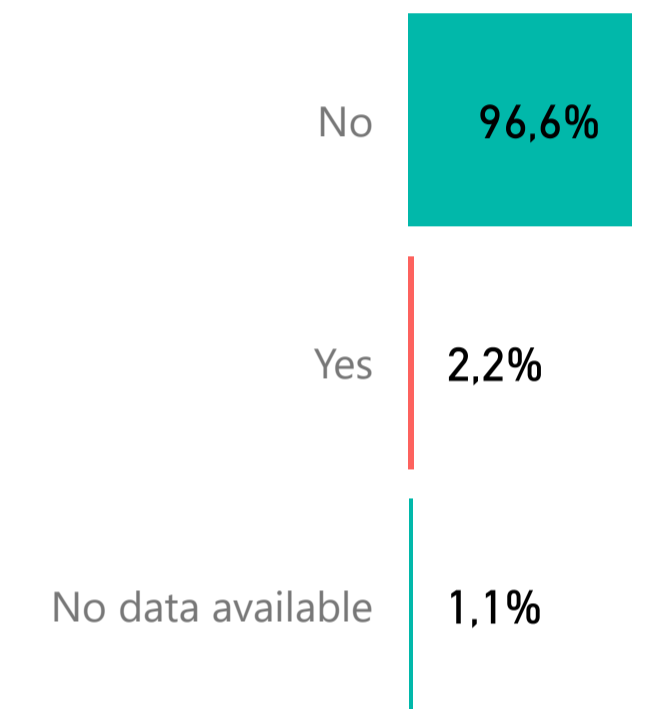
## PTH Levels at First Follow-up



## Ca Status at Longterm Follow-up



## Reoperations for Persistent pHPT During Known Follow-up



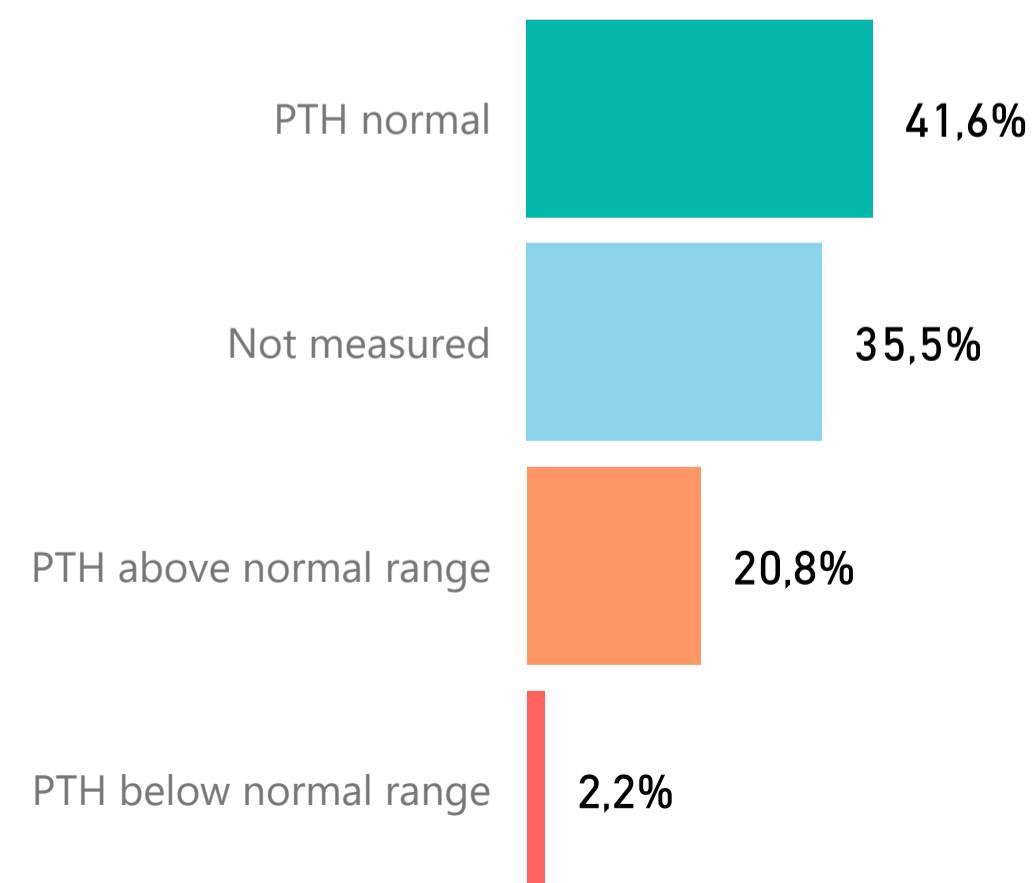
## Calcium Therapy at Discharge for Parathyroid Insufficiency



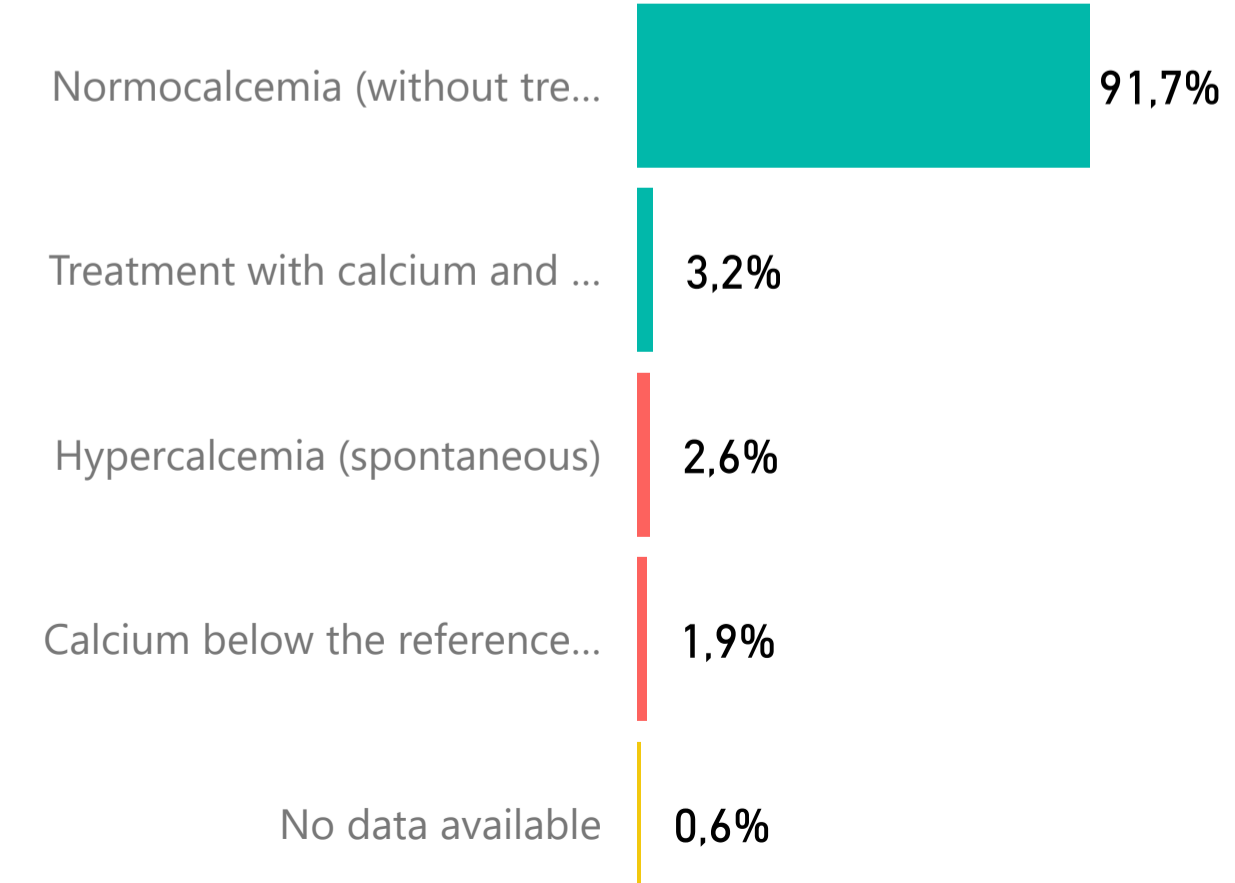
## Vit D Therapy at Discharge for Parathyroid Insufficiency



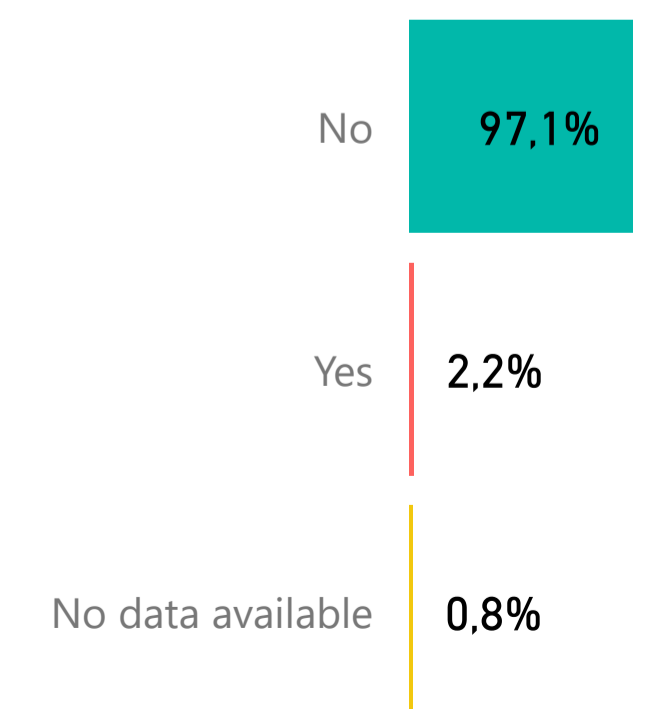
## PTH Levels at First Follow-up



## Ca Status at Longterm Follow-up

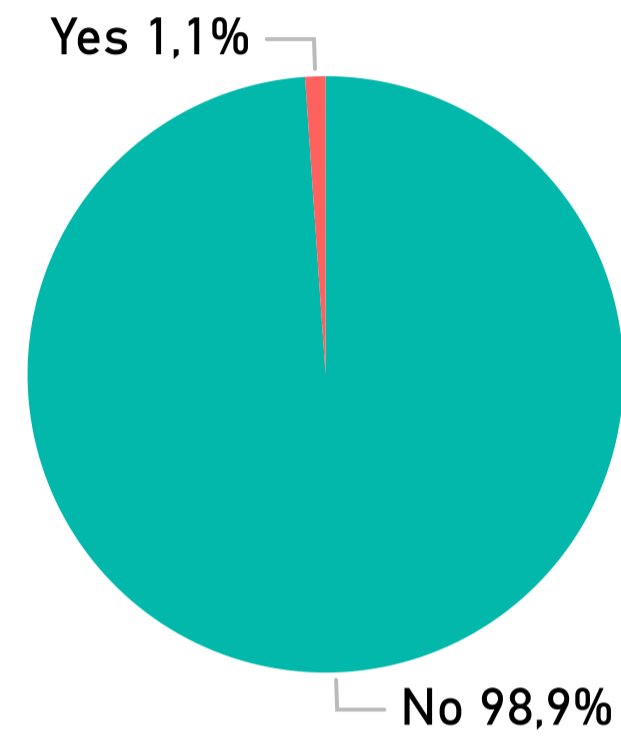


## Reoperations for Persistent pHPT During Known Follow-up

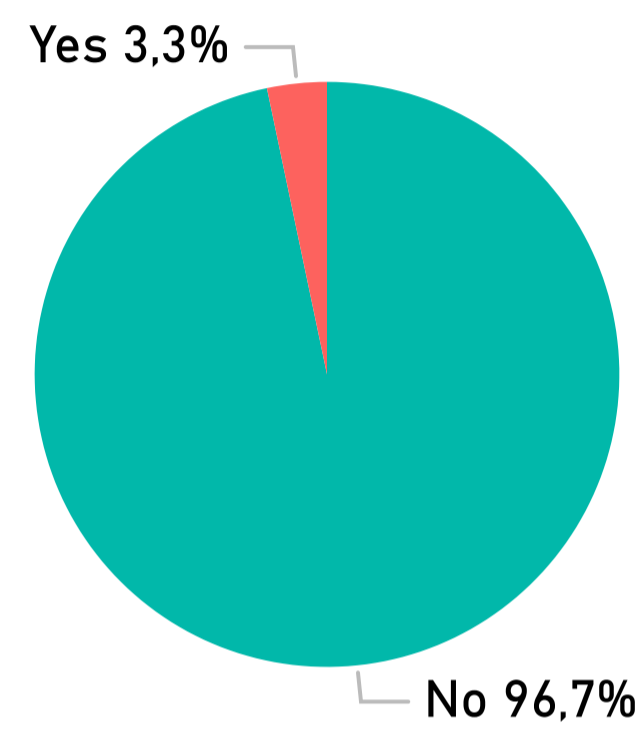


# Postoperative Hemorrhage, Wound Infections and Hospital Stay

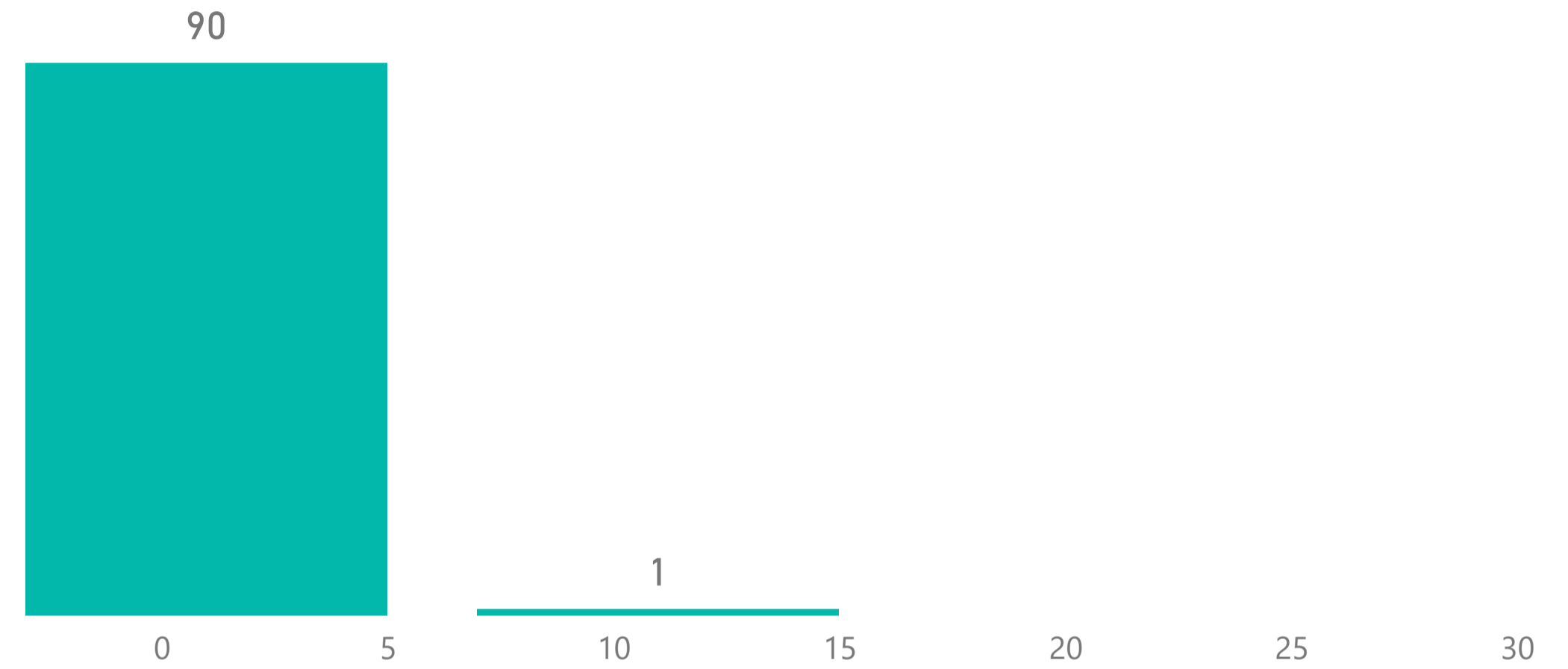
Postoperative Hemorrhage



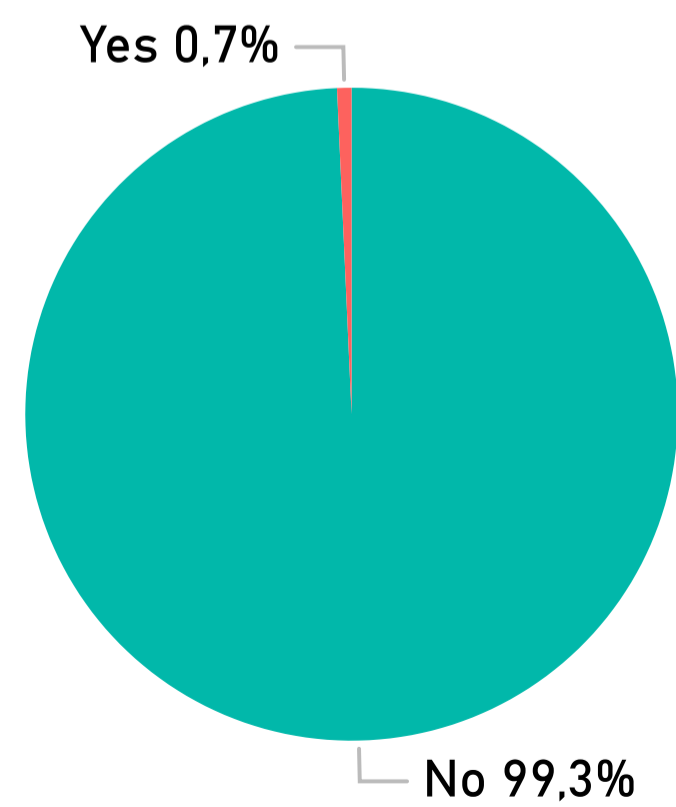
Postoperative Wound Infection



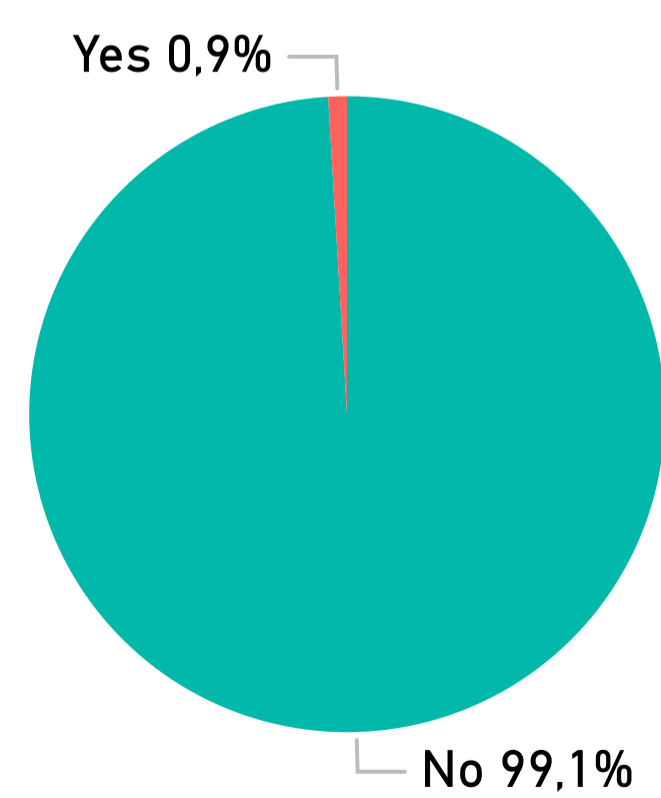
Hospital Stay (graph limited to max 31 days)



Postoperative Hemorrhage



Postoperative Wound Infection



Hospital Stay (graph limited to max 31 days)

