

# EUROCRINE Benchmark Report on Thyroid Resections

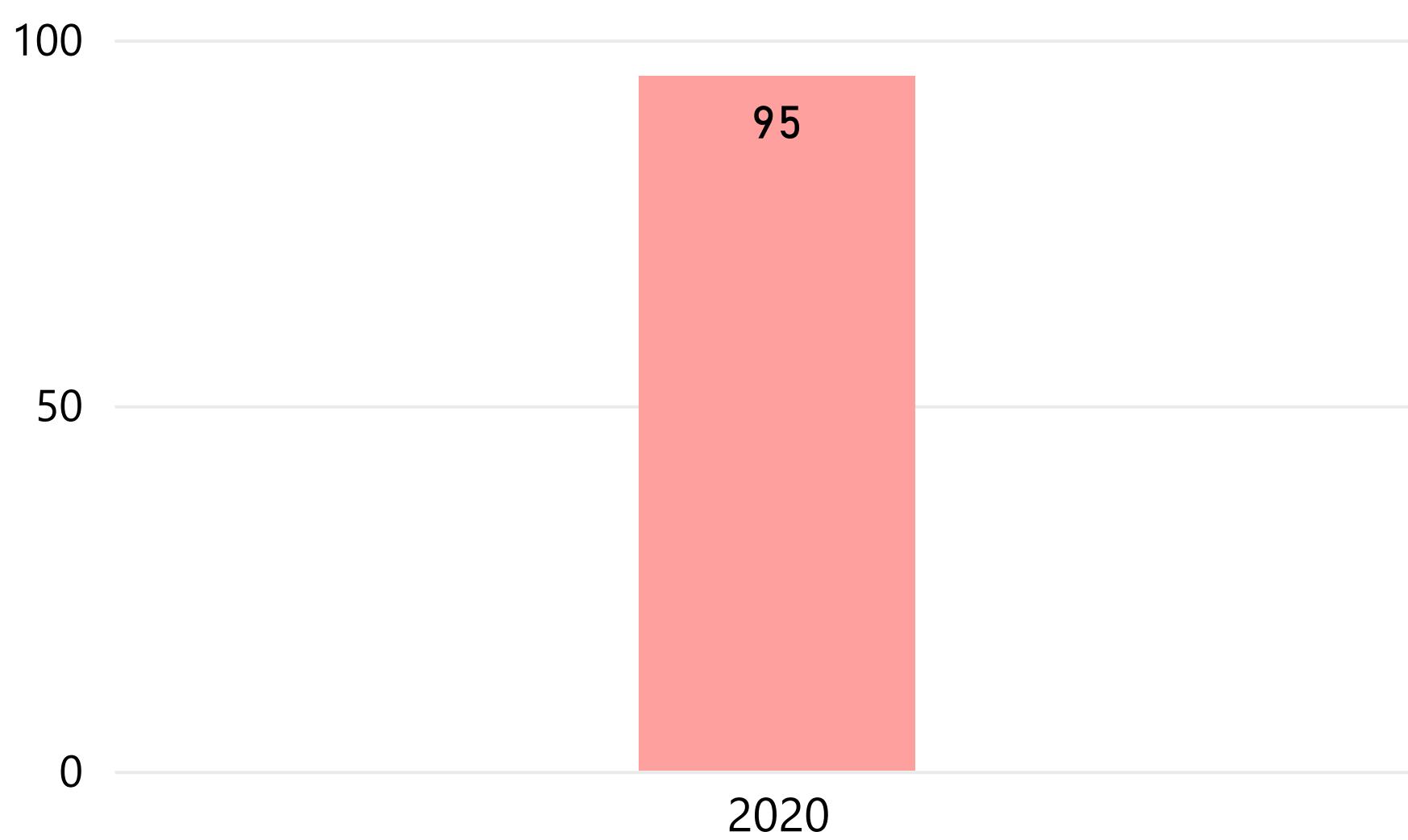


Investigated Clinic	Benchmark Clinics	Investigated Year
<input type="checkbox"/> Carlanderska Endokrinkirurgi <input type="checkbox"/> Gastro Center Skåne <input type="checkbox"/> Kirurgiska kliniken, Borås <input type="checkbox"/> Kirurgiska kliniken, Eksjö <input type="checkbox"/> Kirurgiska kliniken, Falun <input type="checkbox"/> Kirurgiska kliniken, Gävle <input type="checkbox"/> Kirurgiska kliniken, Göteborg <input type="checkbox"/> Kirurgiska kliniken, Halmstad <input type="checkbox"/> Kirurgiska kliniken, Jönköping <input type="checkbox"/> Kirurgiska kliniken, Kalmar <input type="checkbox"/> Kirurgiska kliniken, Karlskrona <input type="checkbox"/> Kirurgiska kliniken, Karlstad <input type="checkbox"/> Kirurgiska kliniken, Kristianstad <input type="checkbox"/> Kirurgiska kliniken, KS Solna <input type="checkbox"/> Kirurgiska kliniken, Kungälv <input checked="" type="checkbox"/> Kirurgiska kliniken, Linköping <input type="checkbox"/> Kirurgiska kliniken, Luleå <input type="checkbox"/> Kirurgiska kliniken, Lund <input type="checkbox"/> Kirurgiska kliniken, Norrköping <input type="checkbox"/> Kirurgiska kliniken, Nyköping <input type="checkbox"/> Kirurgiska kliniken, Örebro	<input checked="" type="checkbox"/> Markera alla <input type="checkbox"/> Carlanderska Endokrinkirurgi <input type="checkbox"/> Gastro Center Skåne <input type="checkbox"/> Kirurgiska kliniken, Borås <input type="checkbox"/> Kirurgiska kliniken, Eksjö <input type="checkbox"/> Kirurgiska kliniken, Falun <input type="checkbox"/> Kirurgiska kliniken, Gävle <input type="checkbox"/> Kirurgiska kliniken, Göteborg <input type="checkbox"/> Kirurgiska kliniken, Halmstad <input type="checkbox"/> Kirurgiska kliniken, Jönköping <input type="checkbox"/> Kirurgiska kliniken, Kalmar <input type="checkbox"/> Kirurgiska kliniken, Karlskrona <input type="checkbox"/> Kirurgiska kliniken, Karlstad <input type="checkbox"/> Kirurgiska kliniken, Kristianstad <input type="checkbox"/> Kirurgiska kliniken, KS Solna <input type="checkbox"/> Kirurgiska kliniken, Kungälv <input type="checkbox"/> Kirurgiska kliniken, Linköping <input type="checkbox"/> Kirurgiska kliniken, Luleå <input type="checkbox"/> Kirurgiska kliniken, Lund <input type="checkbox"/> Kirurgiska kliniken, Norrköping <input type="checkbox"/> Kirurgiska kliniken, Nyköping <input type="checkbox"/> Kirurgiska kliniken, Örebro	<input checked="" type="checkbox"/> Markera alla <input type="checkbox"/> 2012 <input type="checkbox"/> 2013 <input type="checkbox"/> 2014 <input type="checkbox"/> 2015 <input type="checkbox"/> 2016 <input type="checkbox"/> 2017 <input type="checkbox"/> 2018 <input type="checkbox"/> 2019 <input checked="" type="checkbox"/> 2020 <input type="checkbox"/> 2021

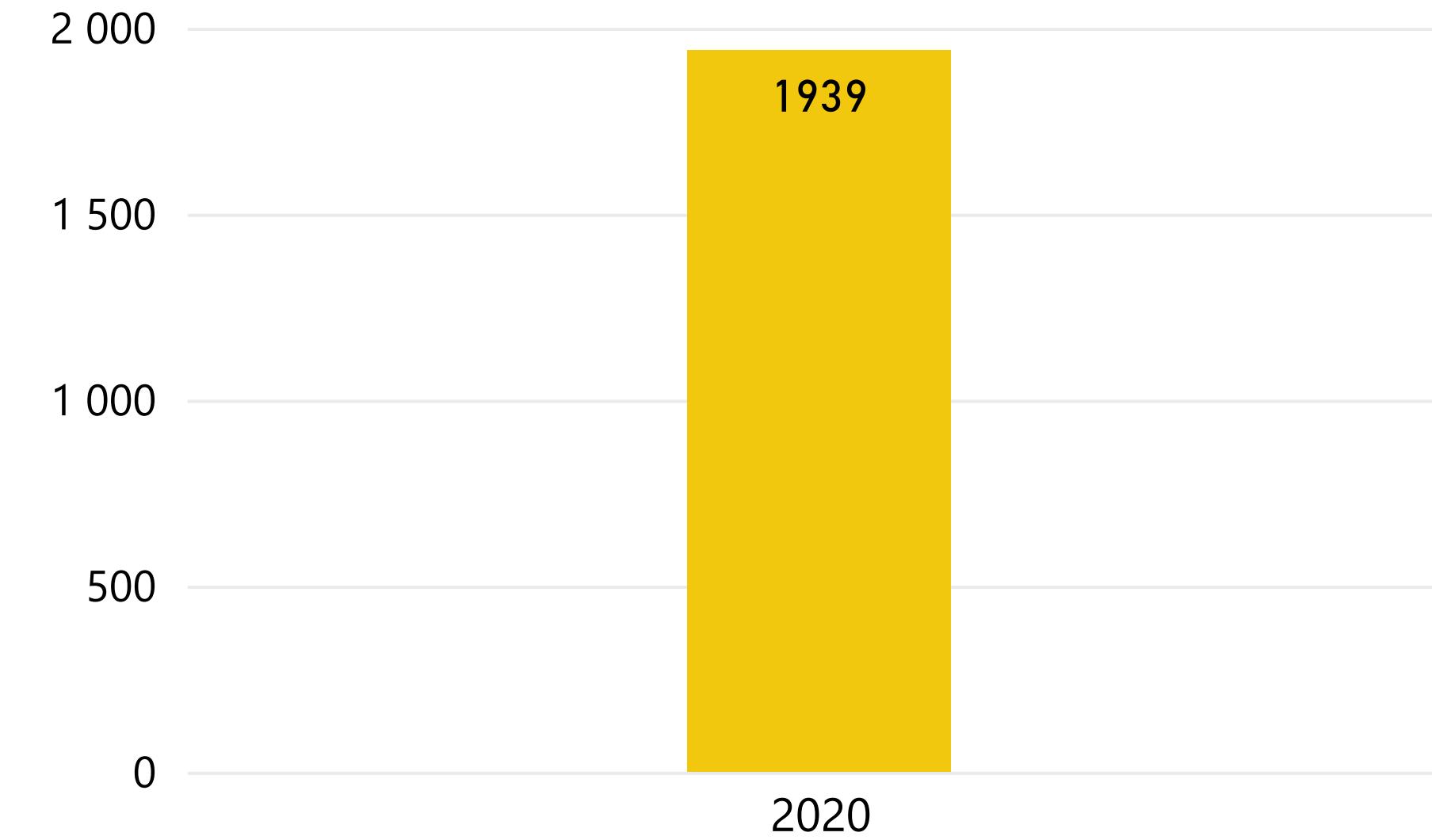
# EUROCRINE Benchmark Report on Thyroid Resections



Registered Thyroid Resections in  
Your Clinic



Registered Thyroid Resections in  
Other EUROCRINE Clinics of Your Country



Investigated Year

- 2012
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019
- 2020

Color Coding in this Report:

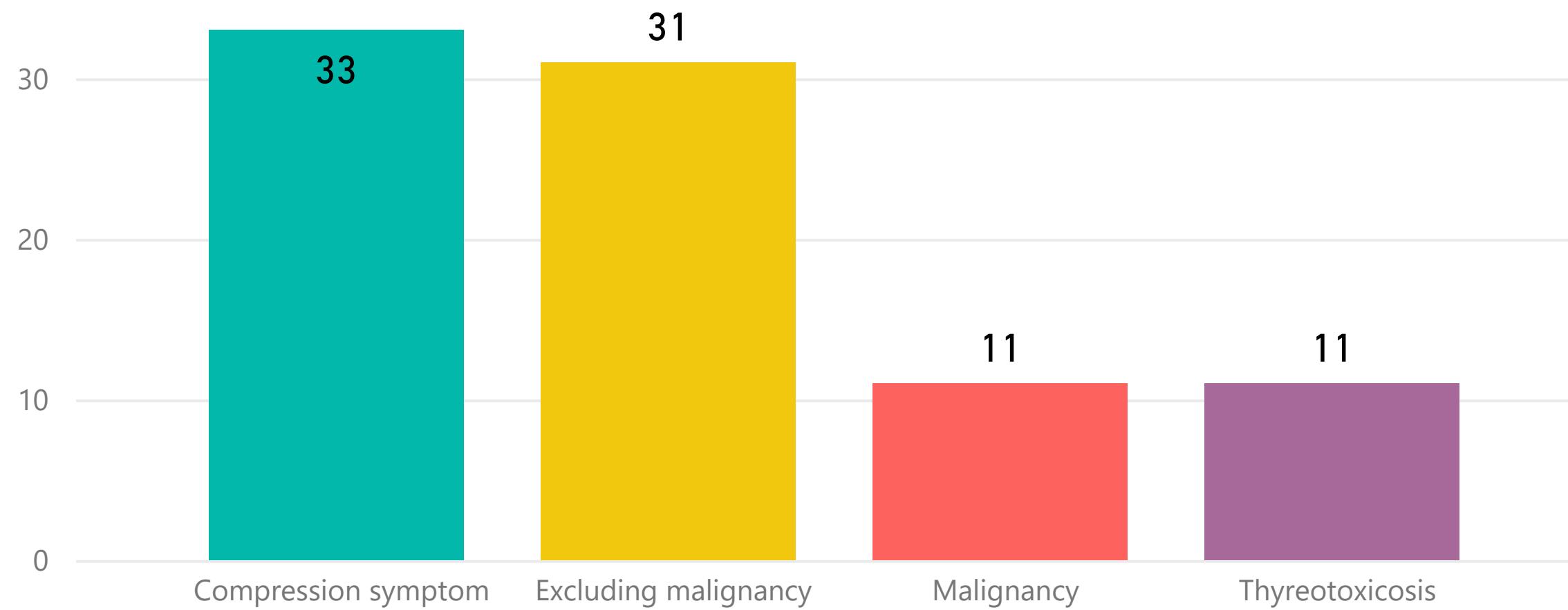
Your Clinic

Other EUROCRINE Clinics in Your Country

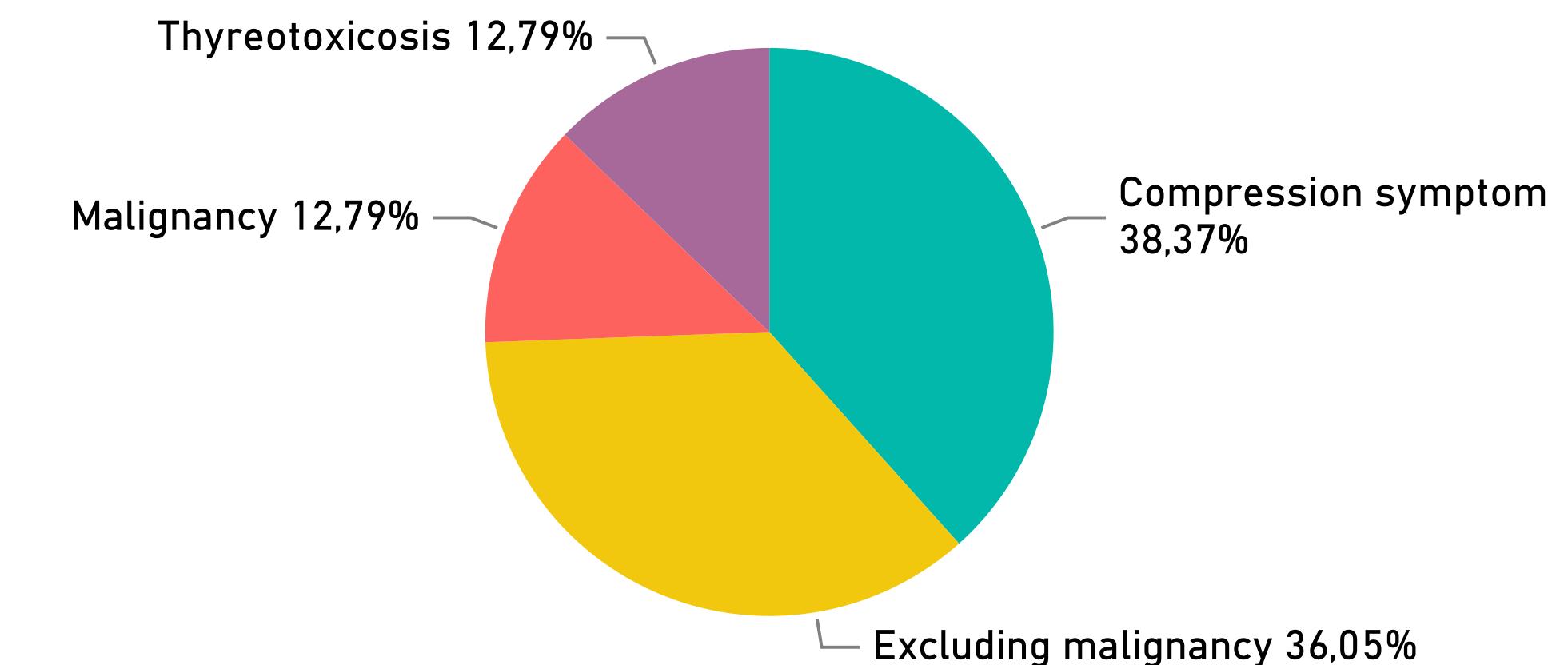
# Thyroid

## Main Indication for Surgery

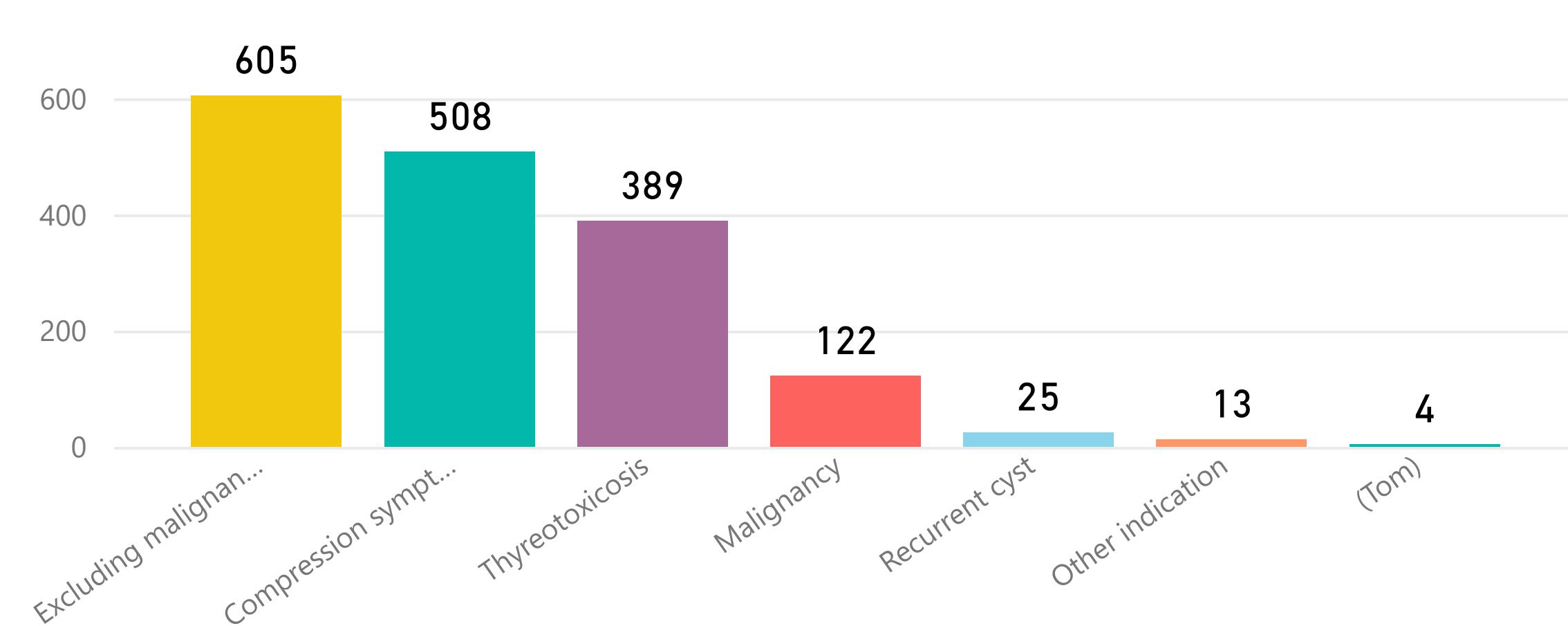
Main Indication (Primary Operation), n



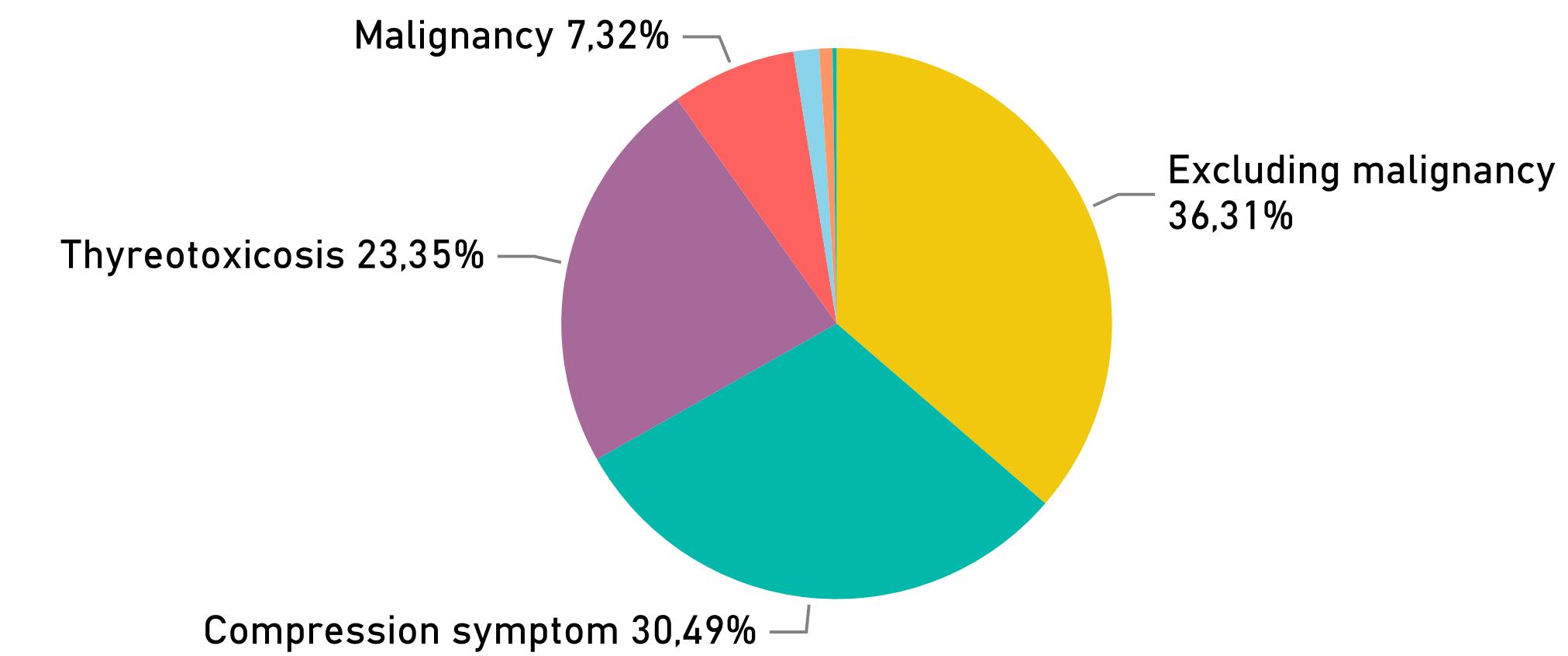
Main Indication (Primary Operation), %

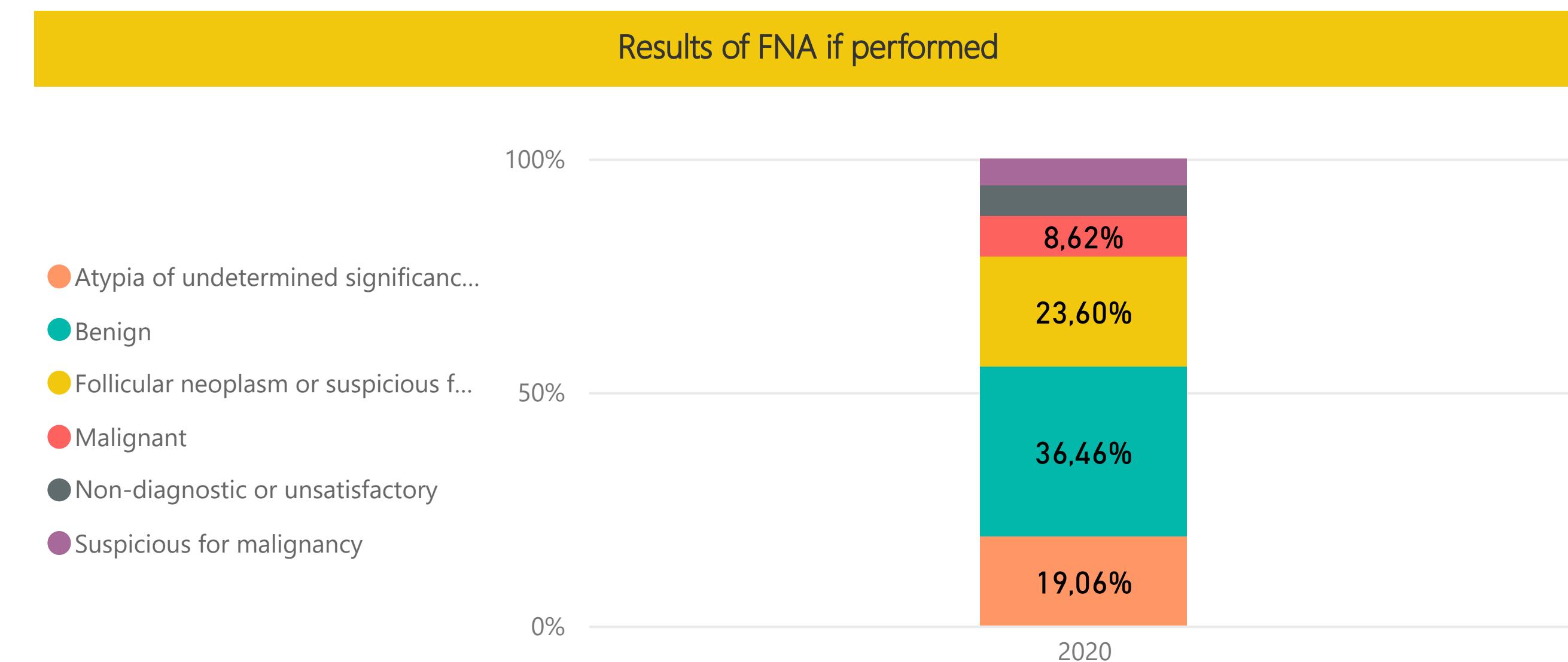
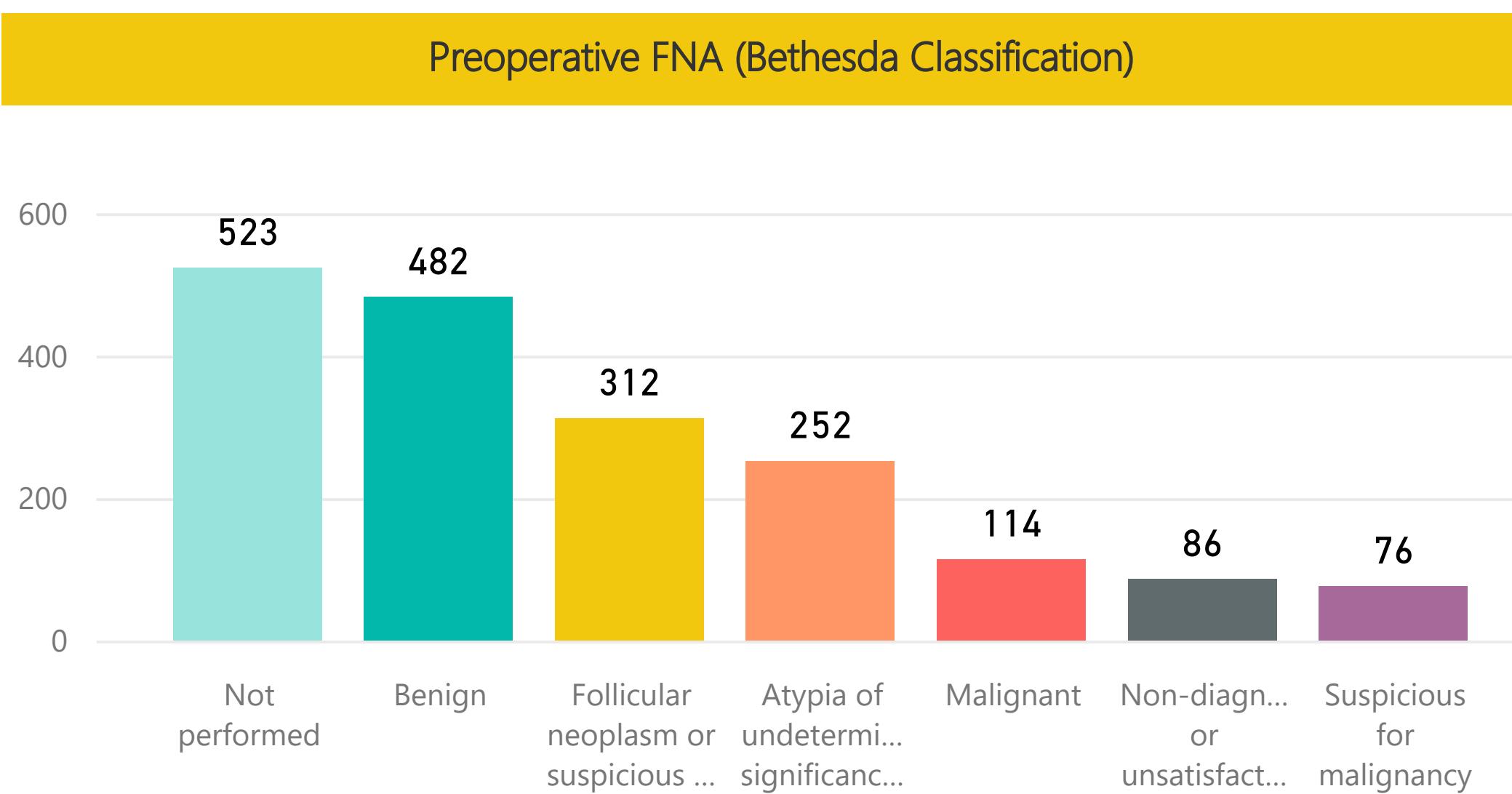
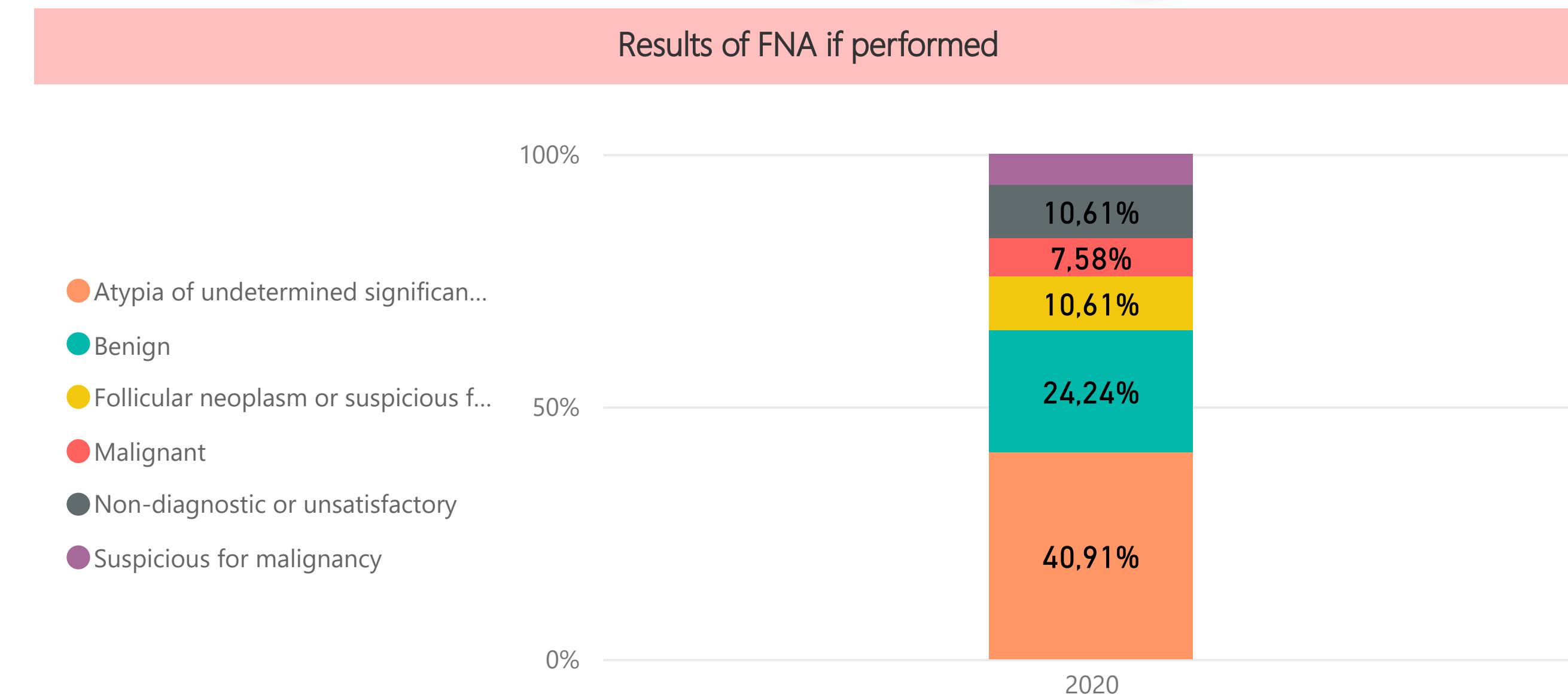
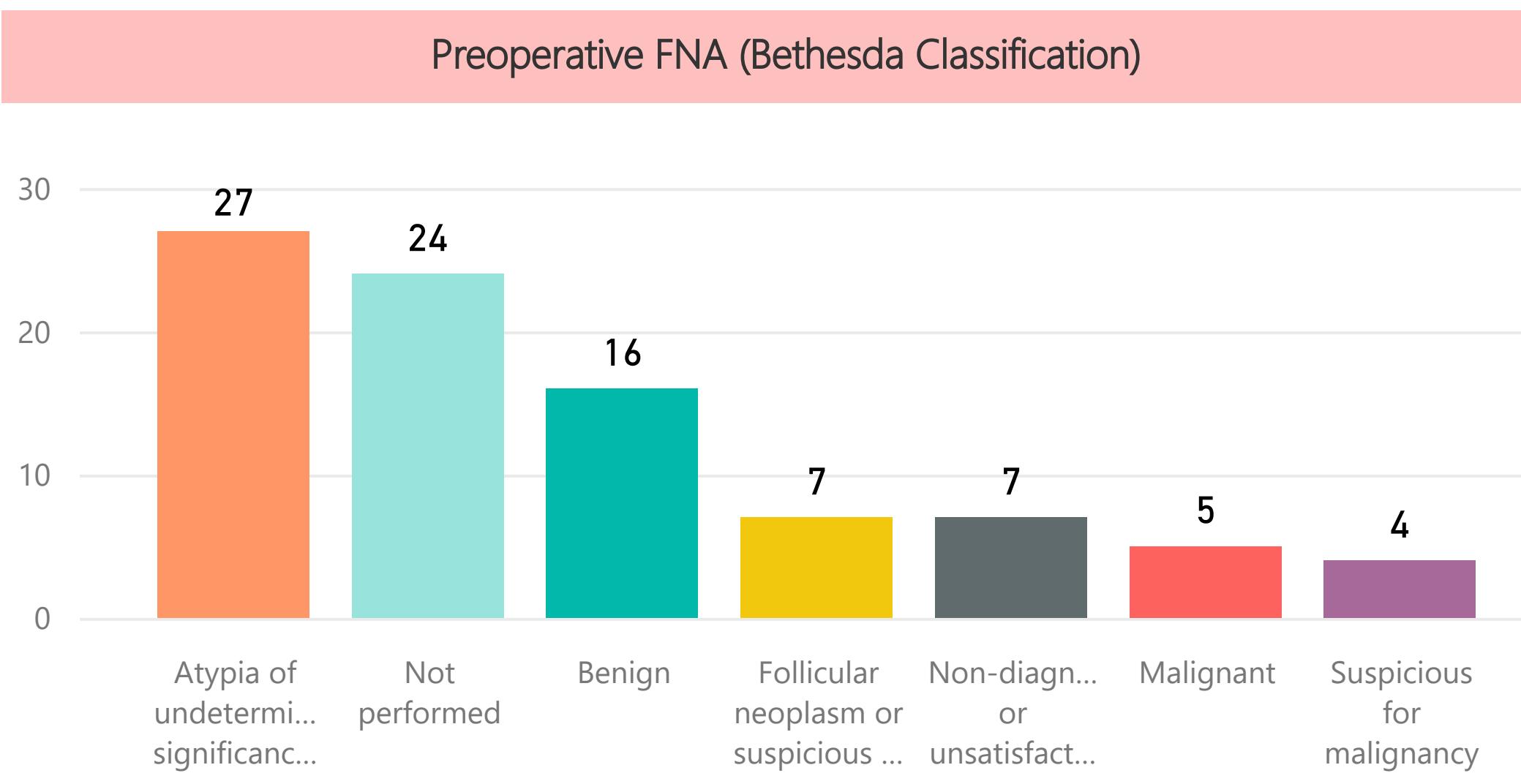


Main Indication (Primary Operation), n

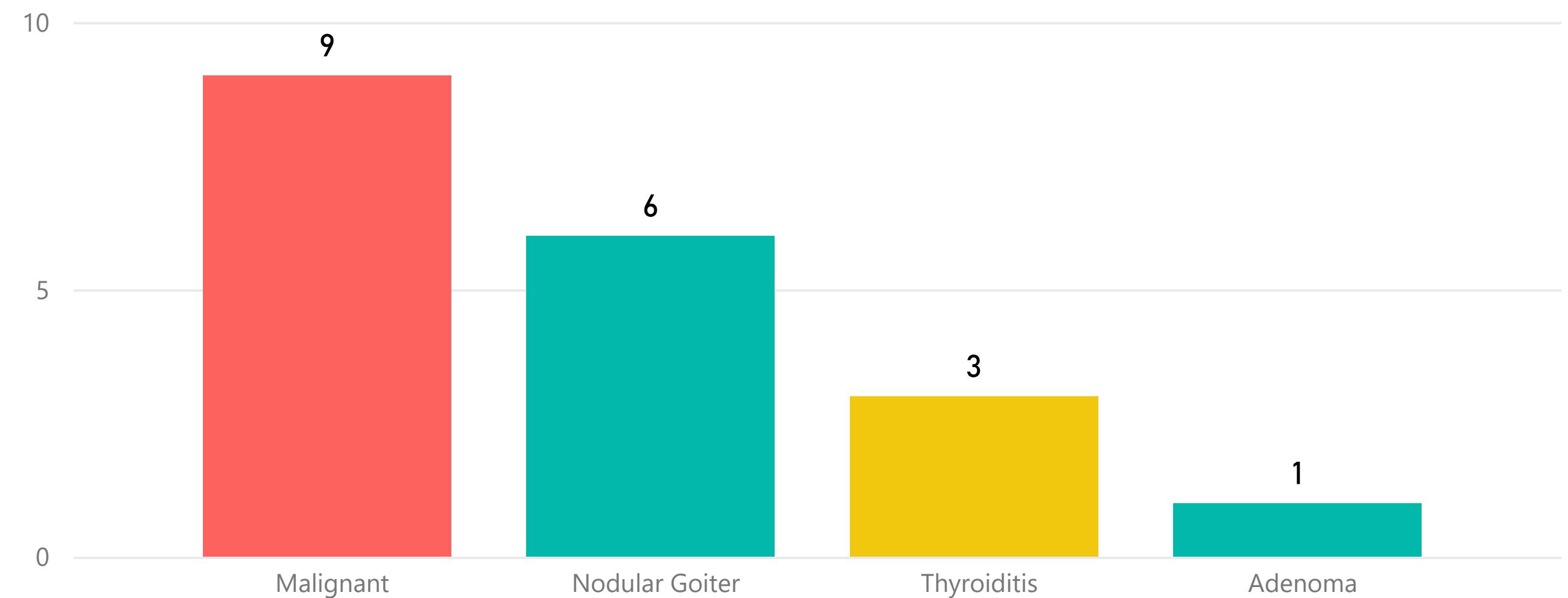
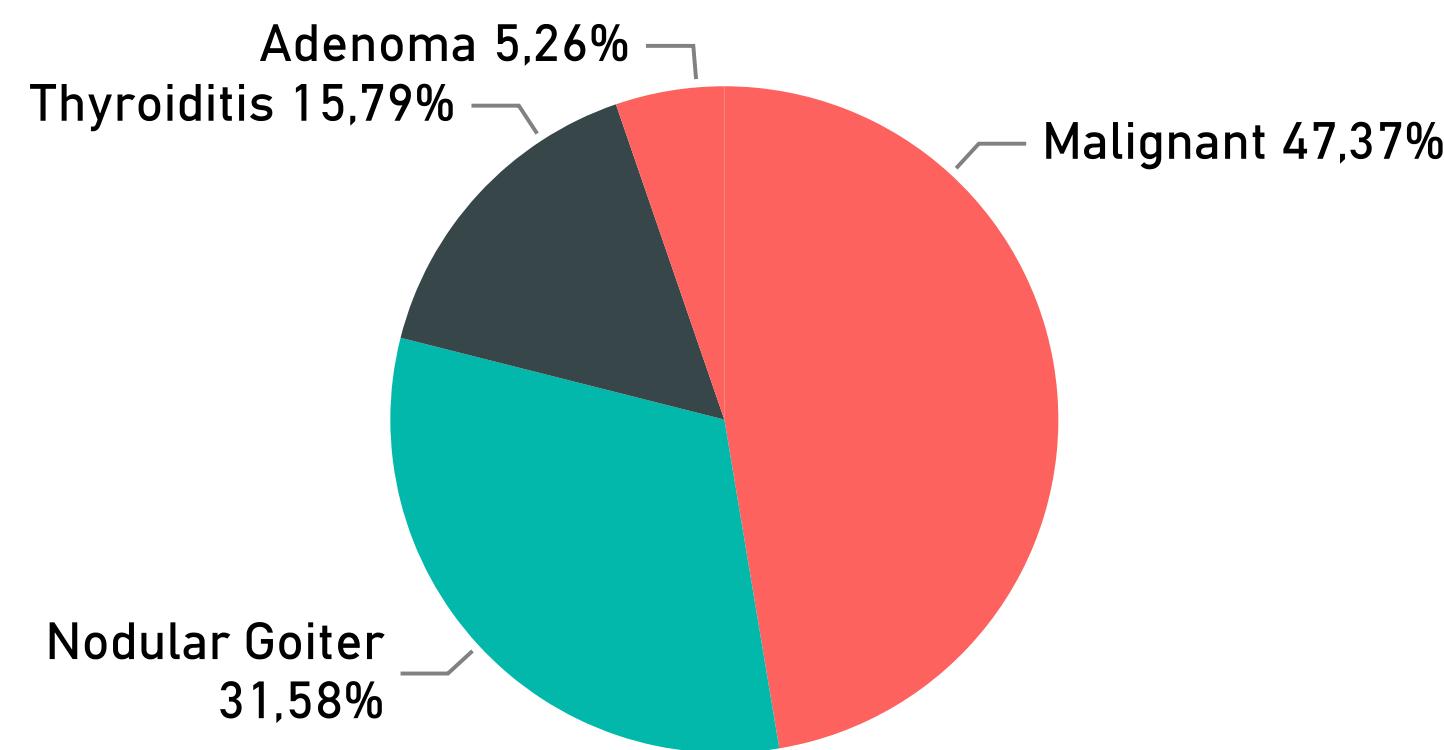


Main Indication (Primary Operation), %

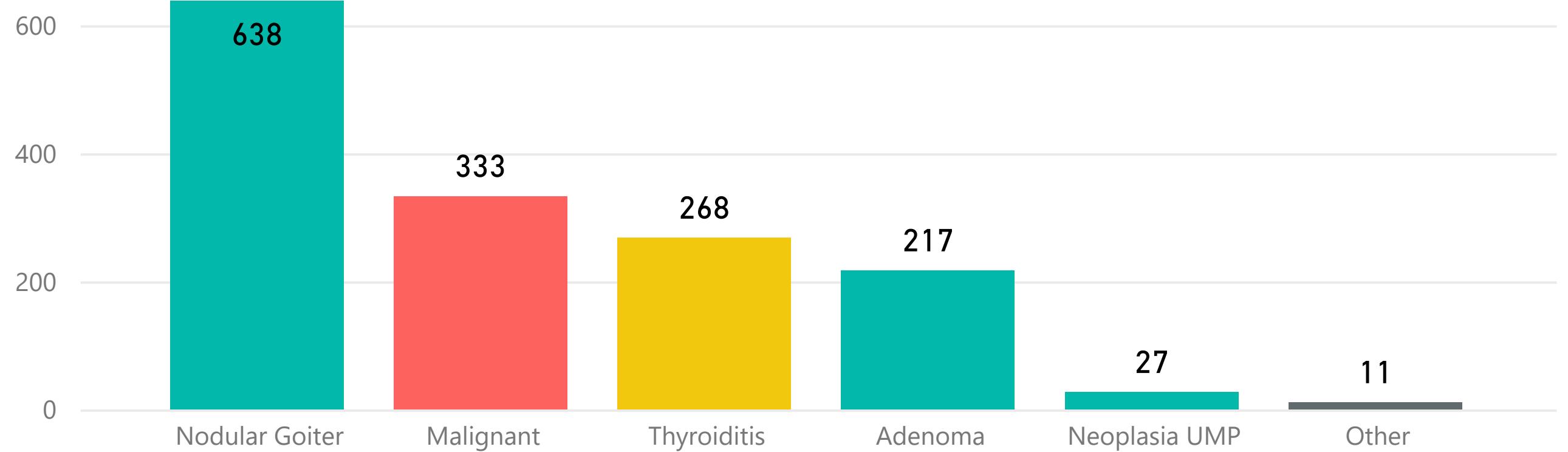
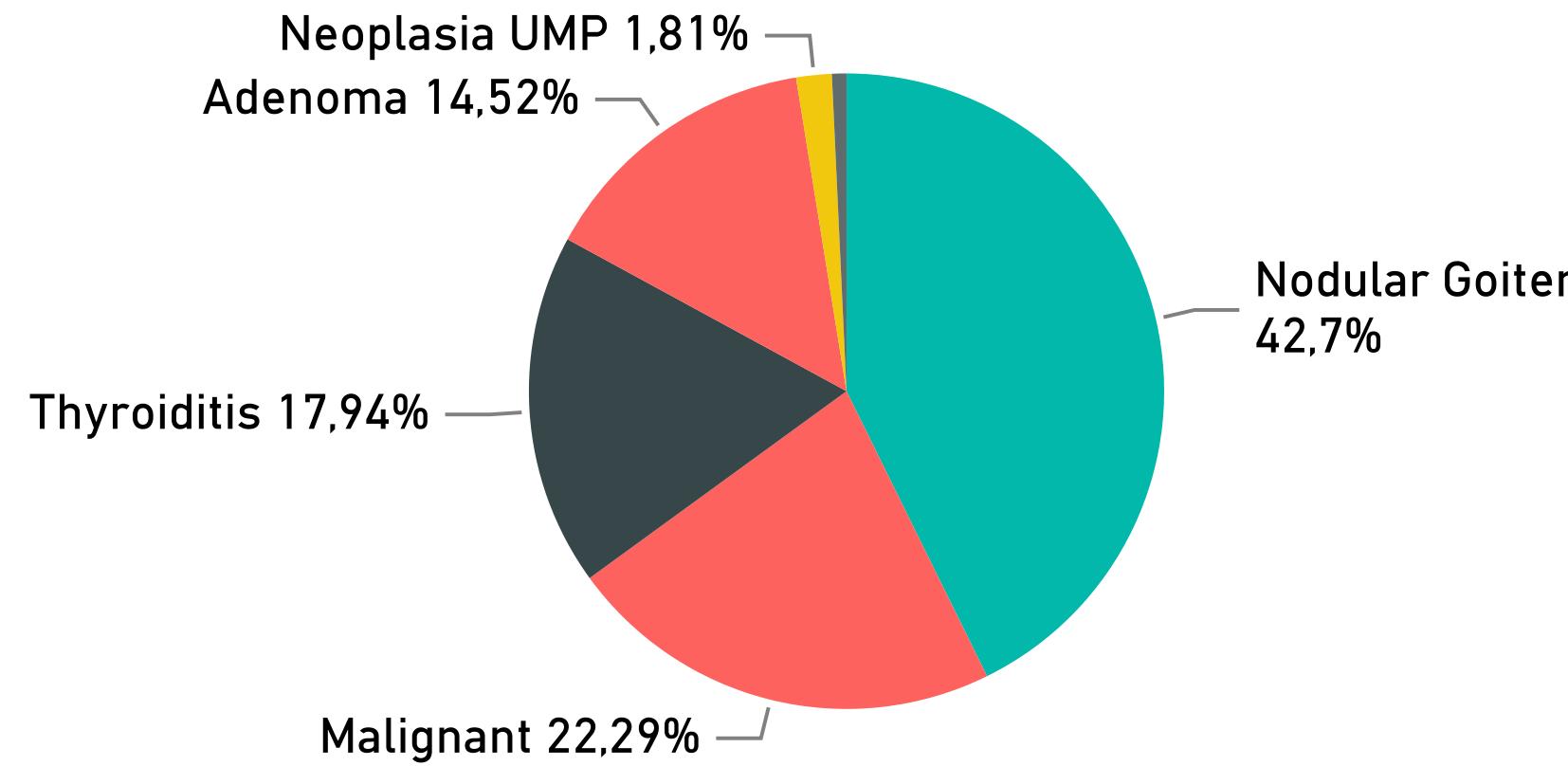




Your Clinic



EUROCRINE Clinics

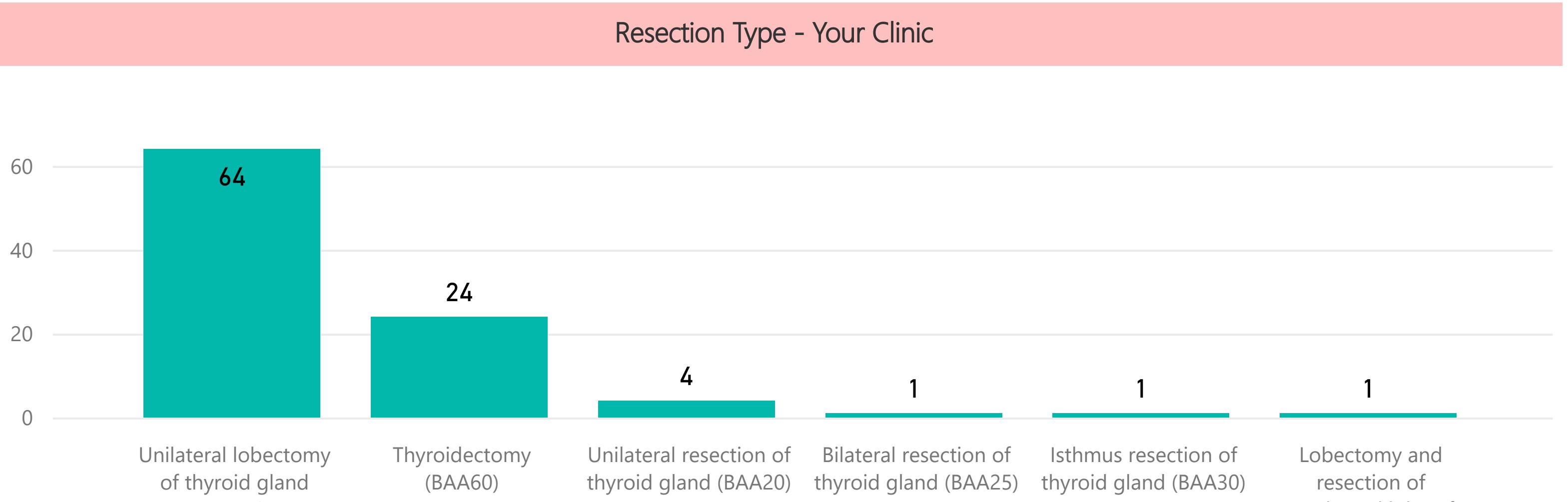


# Thyroid

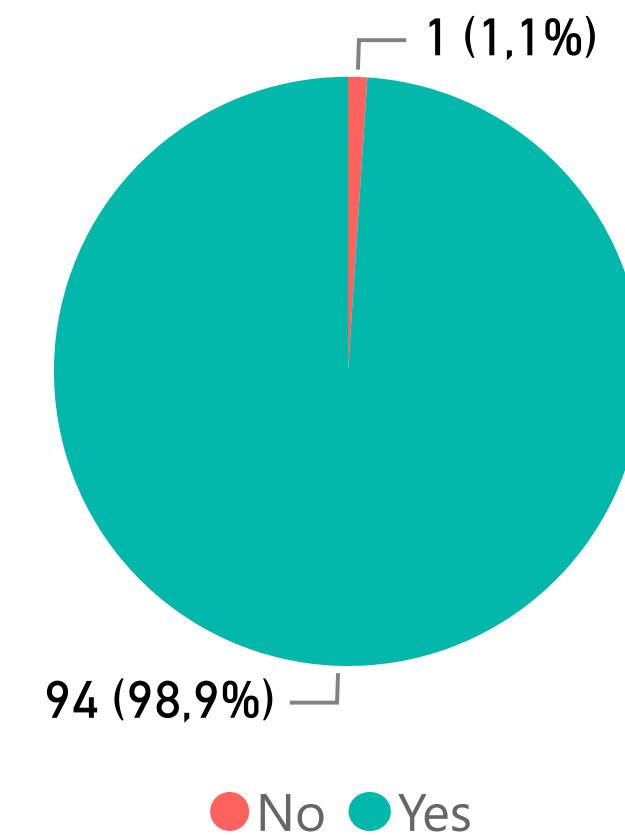
Resection Type, Intraoperative Neuromonitoring



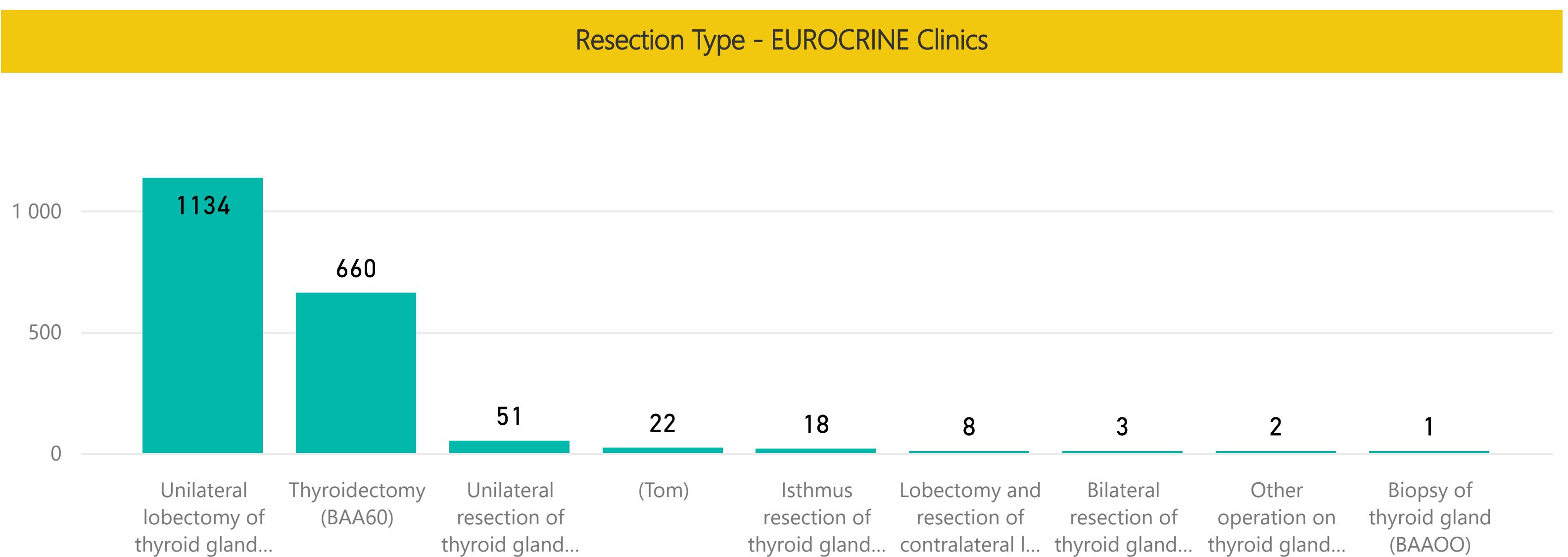
**Resection Type - Your Clinic**



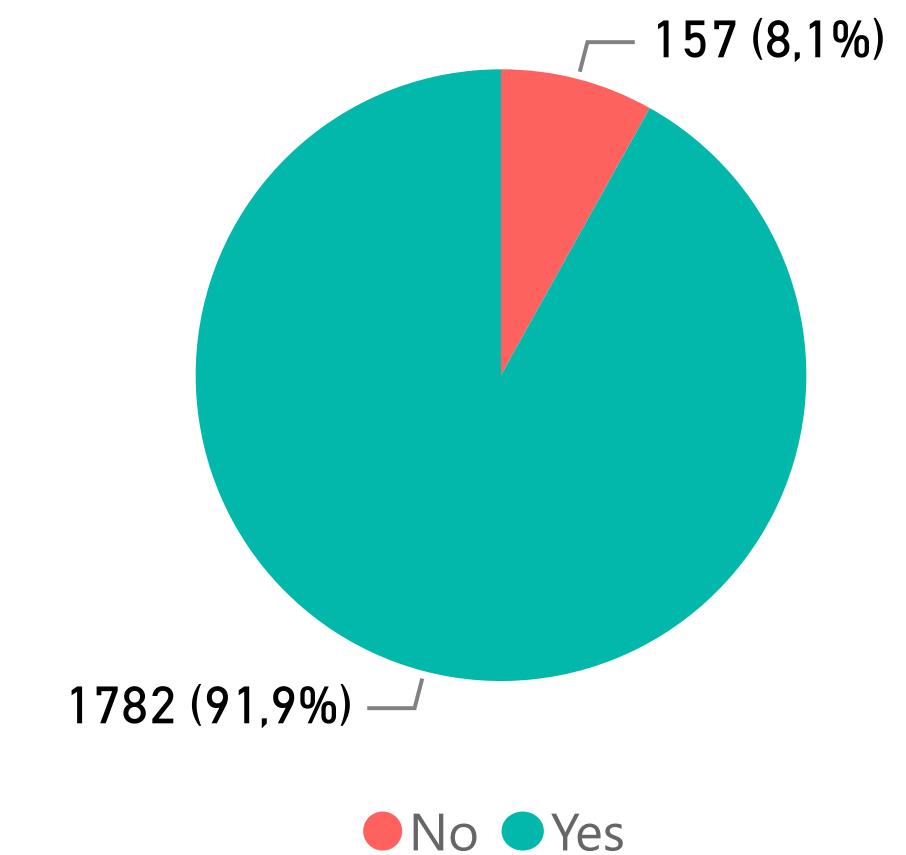
**Intraoperative Use for Neuromonitoring**



**Resection Type - EUROCRINE Clinics**



**Intraoperative Use for Neuromonitoring**



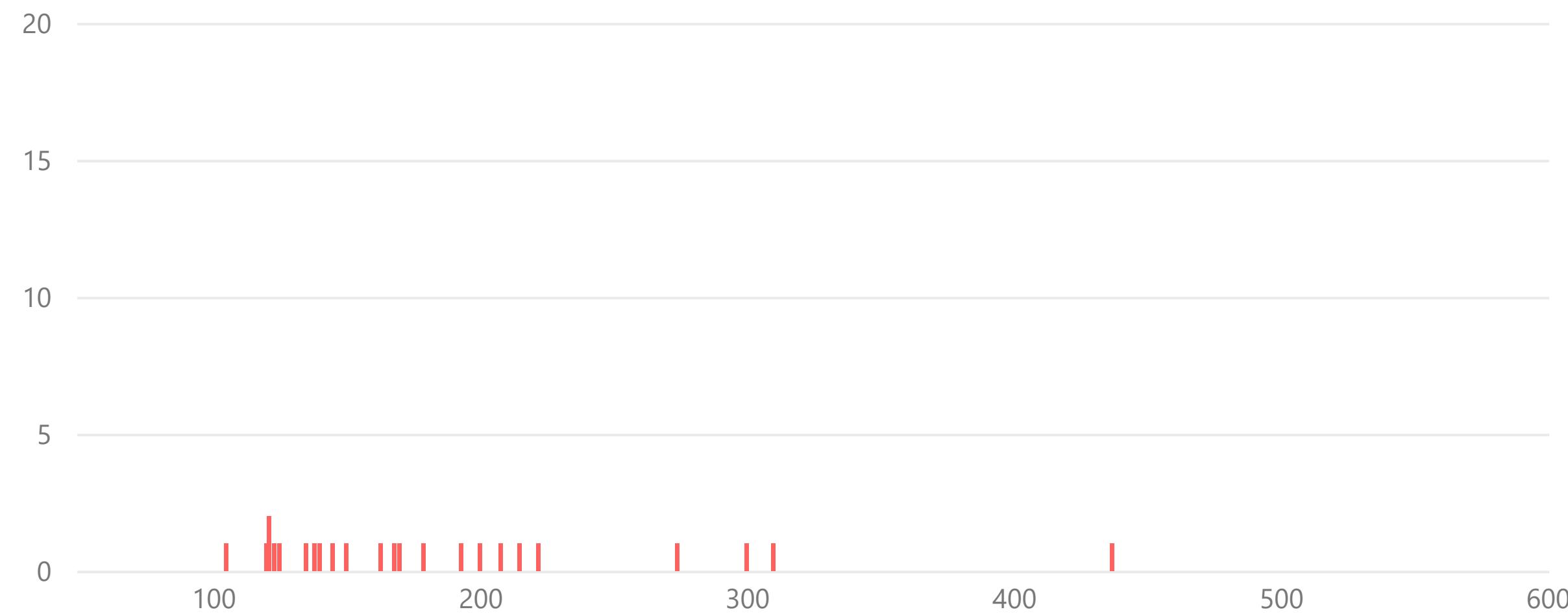
# Thyroid Operating Time



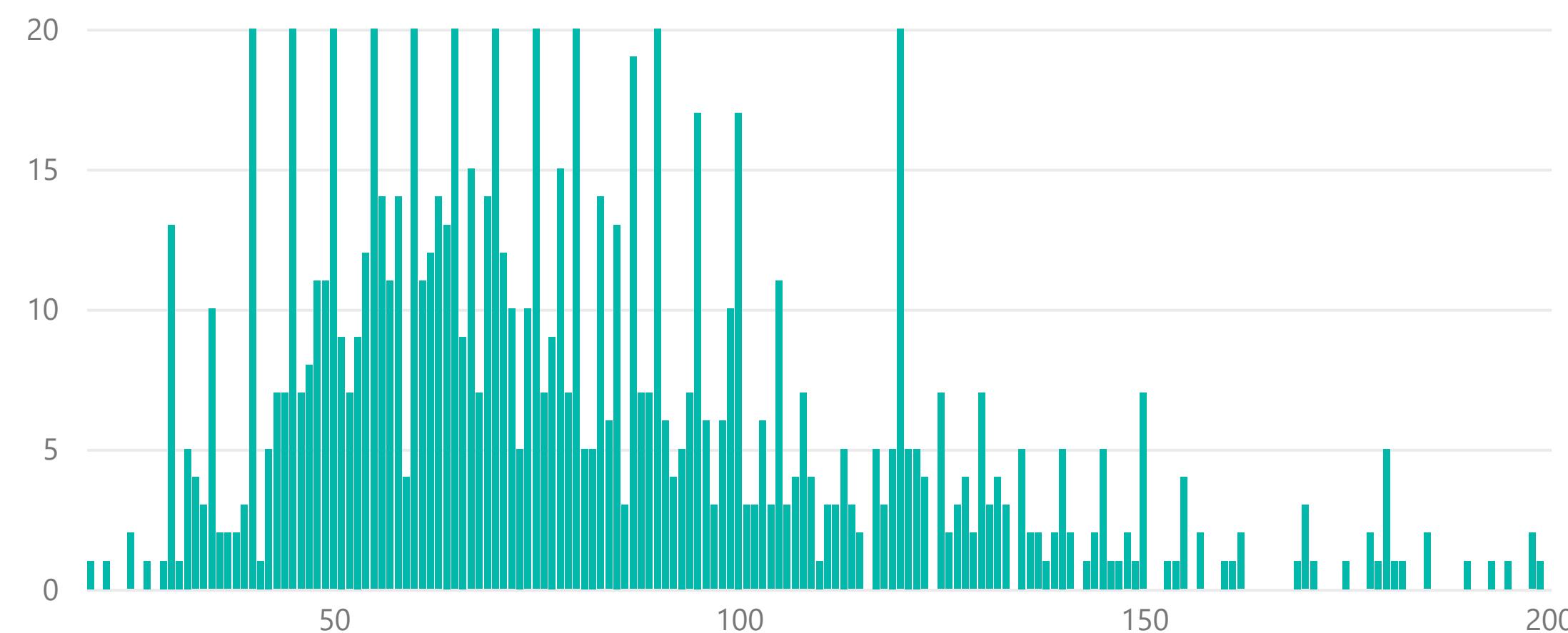
Unilateral Lobectomy (skin to skin, Minutes)



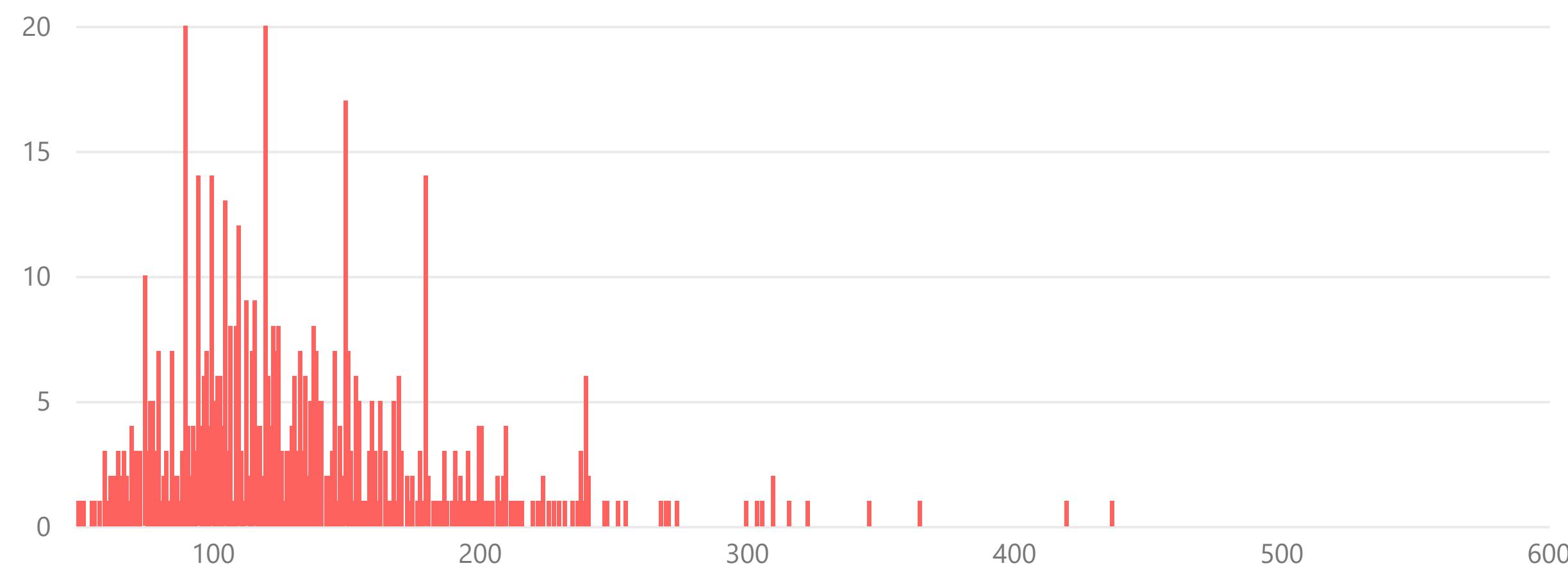
Total Thyroidectomy (skin to skin, Minutes)



Unilateral Lobectomy (skin to skin, Minutes) EUROCINE Clinics



Total Thyroidectomy (skin to skin, Minutes), EUROCINE Clinics

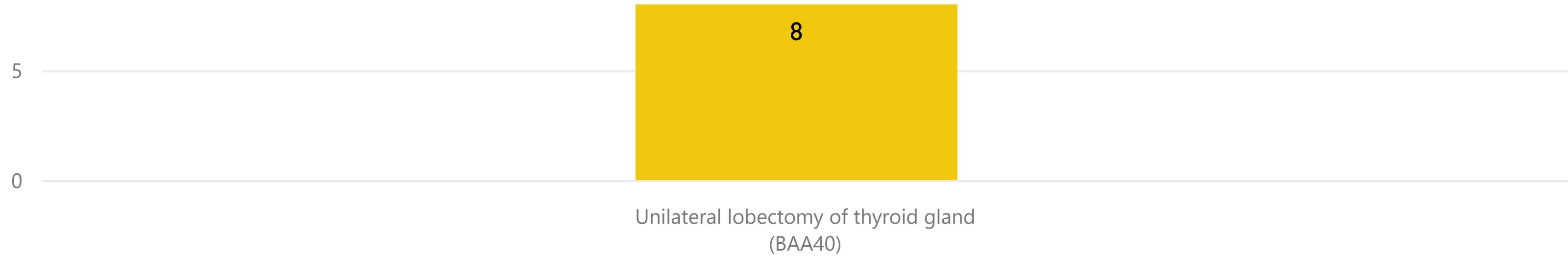


# Thyroid

Papillary Thyroid Cancer PTC, Resection Type and Extent of Lymphadenectomy



## Resection Type in PTC - Your Clinic



## Thyroidectomy and Extent of Lymphadenectomy

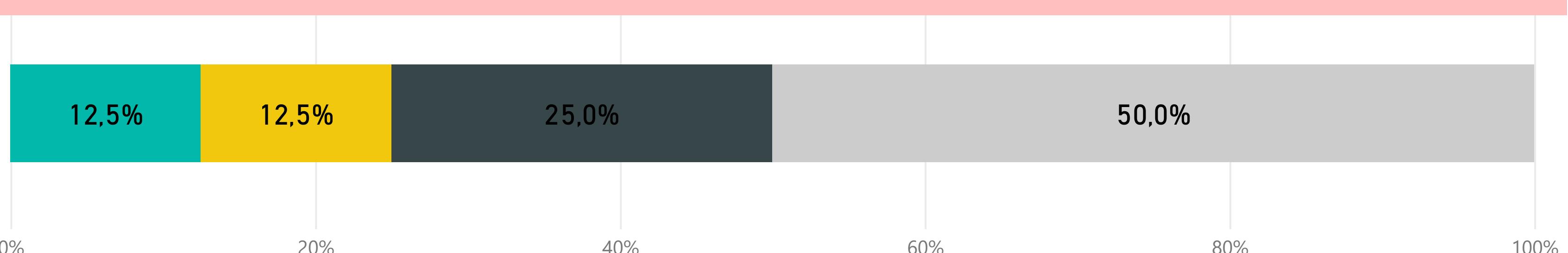
## Unilateral Lobectomy of the Thyroid Gland and Extent of Lymphadenectomy

● Bilateral central lymph node dissection (PJD41)

● Central lymph node dissection (PJD41) and one-sided lat. Lymph node ...

● Extrirpation of lymph nodes (PJD41)

● None

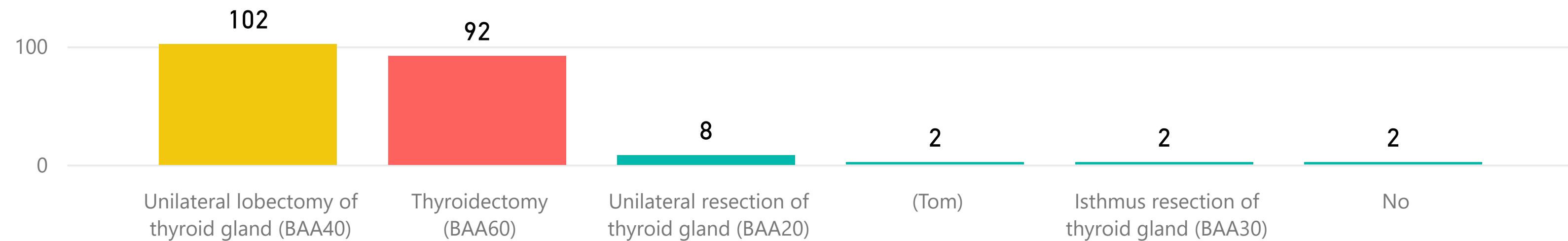


# Thyroid

Papillary Thyroid Cancer PTC, Resection Type and Extent of Lymphadenectomy

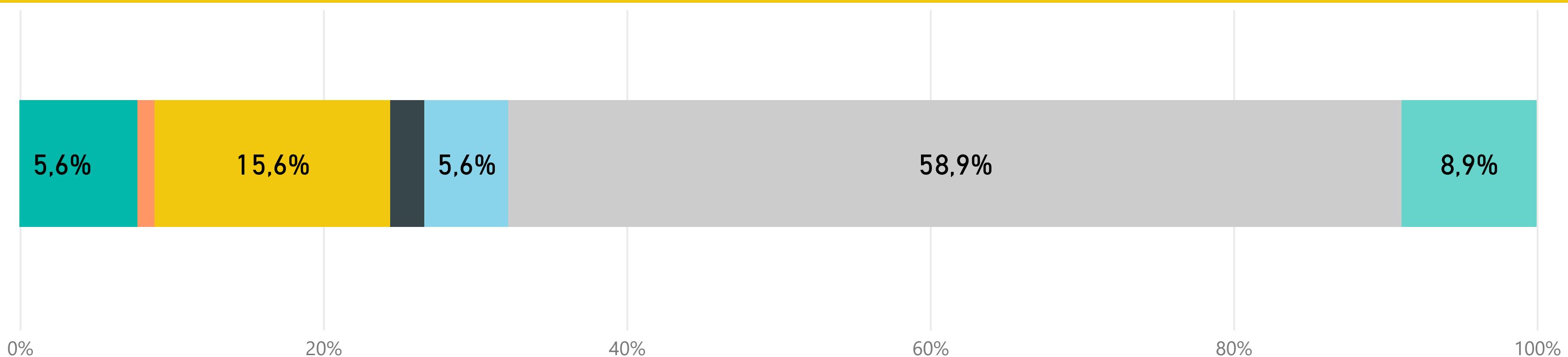


## Resection Type in PTC - EUOCRINE Clinics



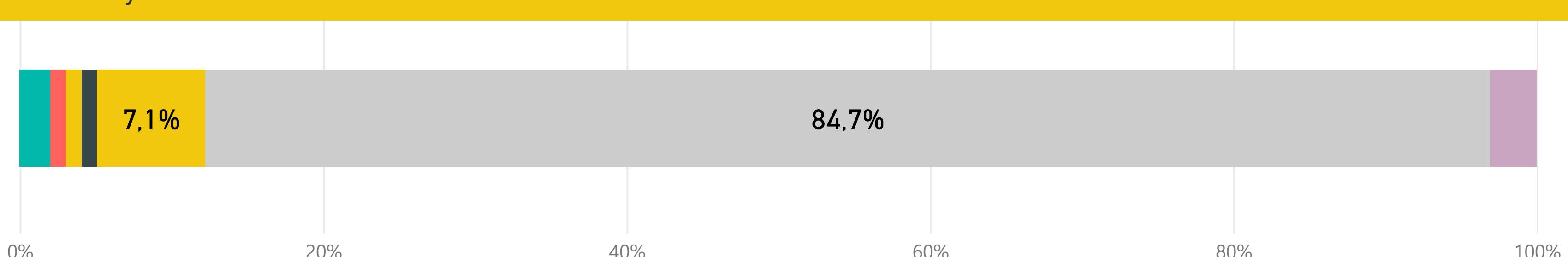
## Thyroidectomy and Extent of Lymphadenectomy

- Bilateral central lymph node dissection (PJD41)
- Bilateral central lymphnode dissection AND bilateral lateral lymphnode...
- Bilateral lateral lymph node dissection (PJD51)
- Central lymph node dissection (PJD41) and one-sided lat. Lymph node ...
- Exploration of lymph nodes incl. Biopsy (PJD10)
- Extrirpation of lymph nodes (PJD41)
- None
- Unilateral central lymph node dissection (PJD41)



## Unilateral Lobectomy of the Thyroid Gland and Extent of Lymphadenectomy

- Bilateral central lymph node dissection (PJD41)
- Bilateral lateral lymph node dissection (PJD51)
- Central lymph node dissection (PJD41) and one-sided lat. Lymph node ...
- Exploration of lymph nodes incl. Biopsy (PJD10)
- Extrirpation of lymph nodes (PJD41)



# Thyroid

Preoperative Laryngoscopy (all operations)

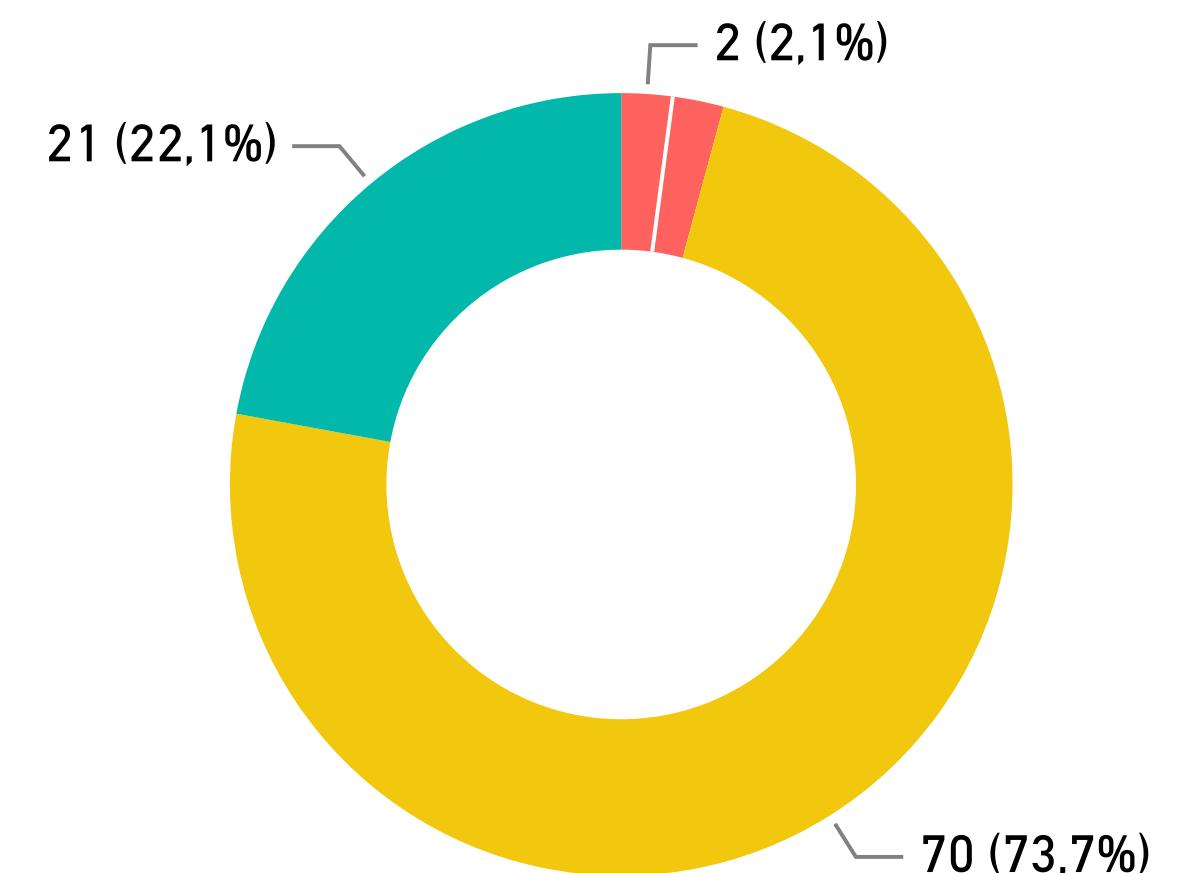
## Preoperative Laryngoscopy

● Paresis of the right recurrent l...

● Paresis of the left recurrent lar...

● Not performed

● Normal



Indirect or direct laryngoscopy	Number	%
Normal	21	22,11%
Not performed	70	73,68%
Paresis of the left recurrent laryngeal nerve	2	2,11%
Paresis of the right recurrent laryngeal nerve	2	2,11%
<b>Total</b>	<b>95</b>	<b>100,00%</b>

Total Number of Paresis	Percent per Patient
4	4,211

## Preoperative Laryngoscopy

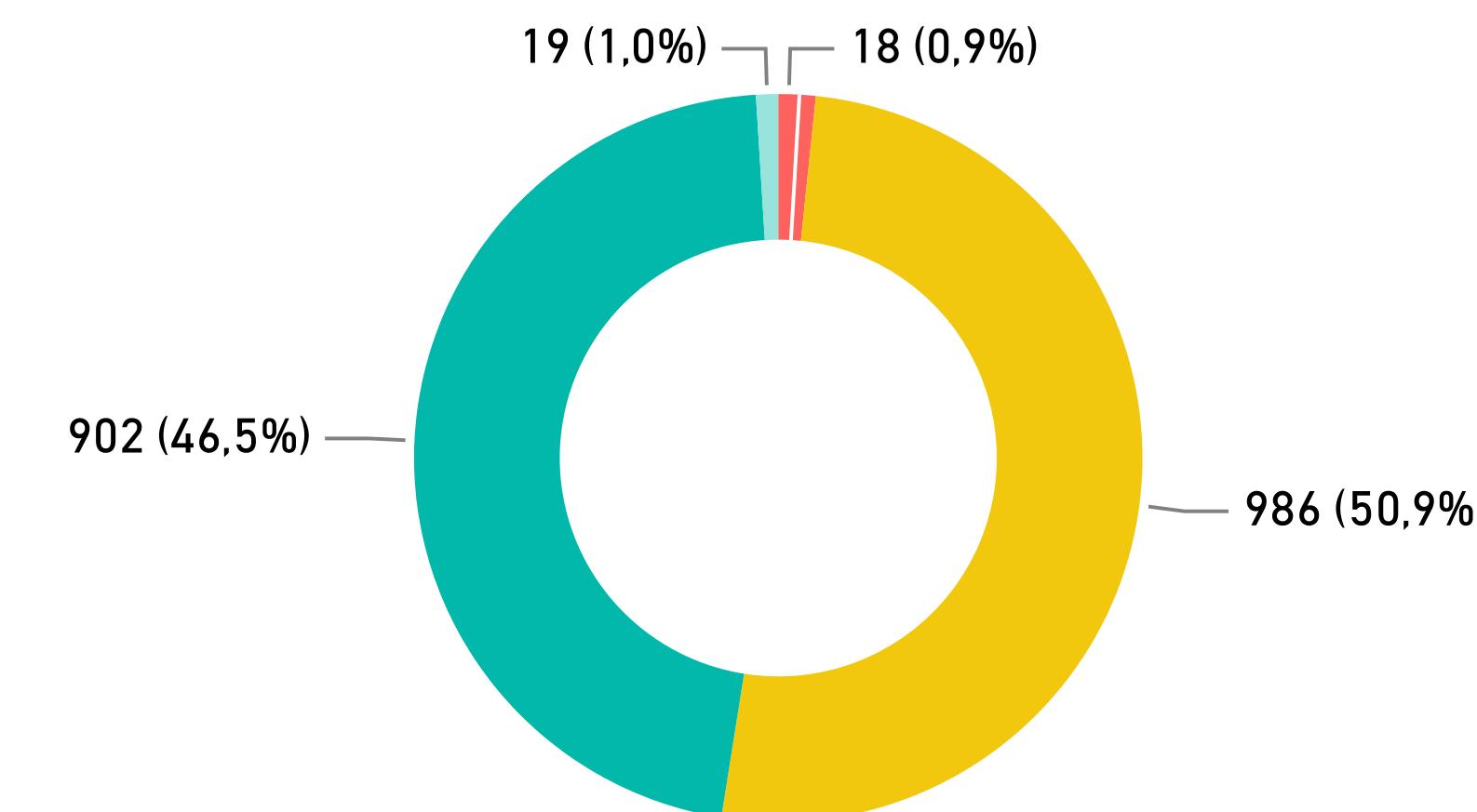
● Paresis of the right recurrent l...

● Paresis of the left recurrent lar...

● Not performed

● Normal

● (Tom)



Indirect or direct laryngoscopy	Number	%
Normal	902	46,52%
Not performed	986	50,85%
Paresis of the left recurrent laryngeal nerve	14	0,72%
Paresis of the right recurrent laryngeal nerve	18	0,93%
<b>Total</b>	<b>1939</b>	<b>100,00%</b>

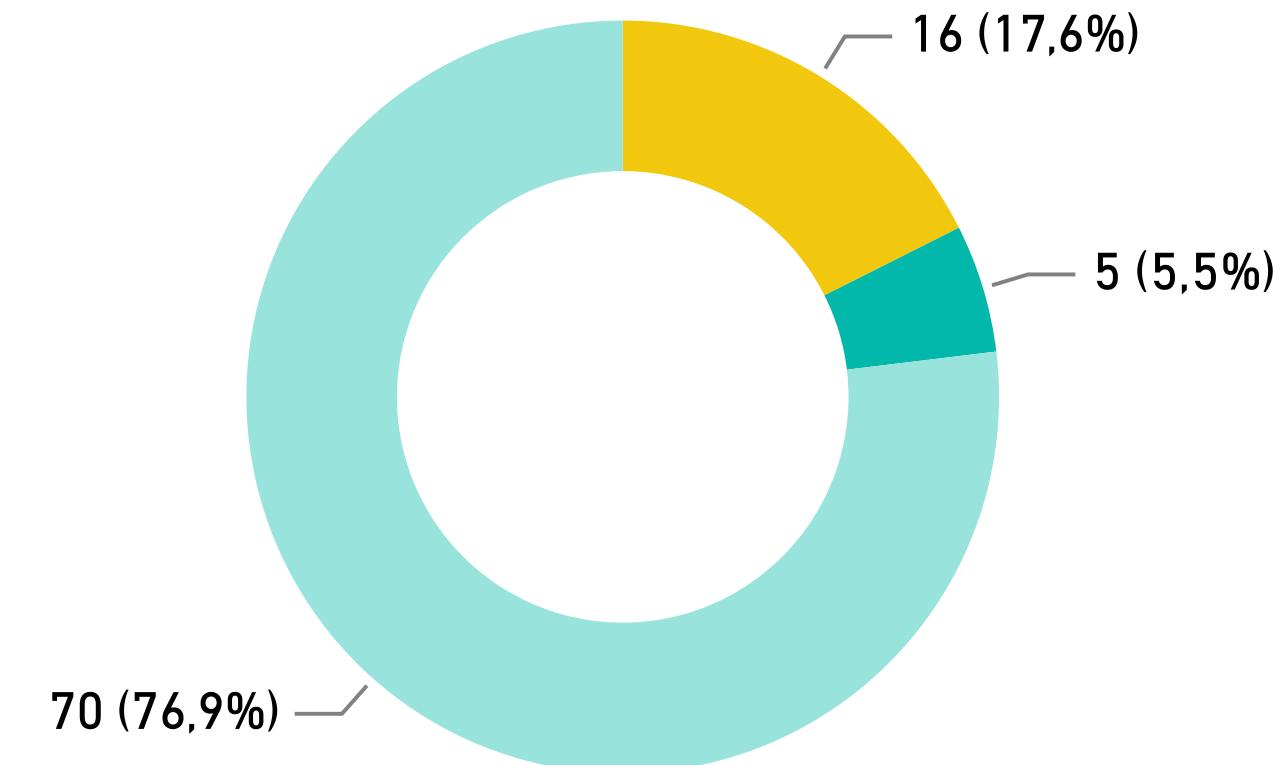
Total Number of Paresis	Percent per Patient
32	1,65

# Thyroid

## Postoperative Laryngoscopy (all operations)

### Postoperative Laryngoscopy (preoperatively known paresis excluded)\*

- Not performed
- Normal
- (Tom)



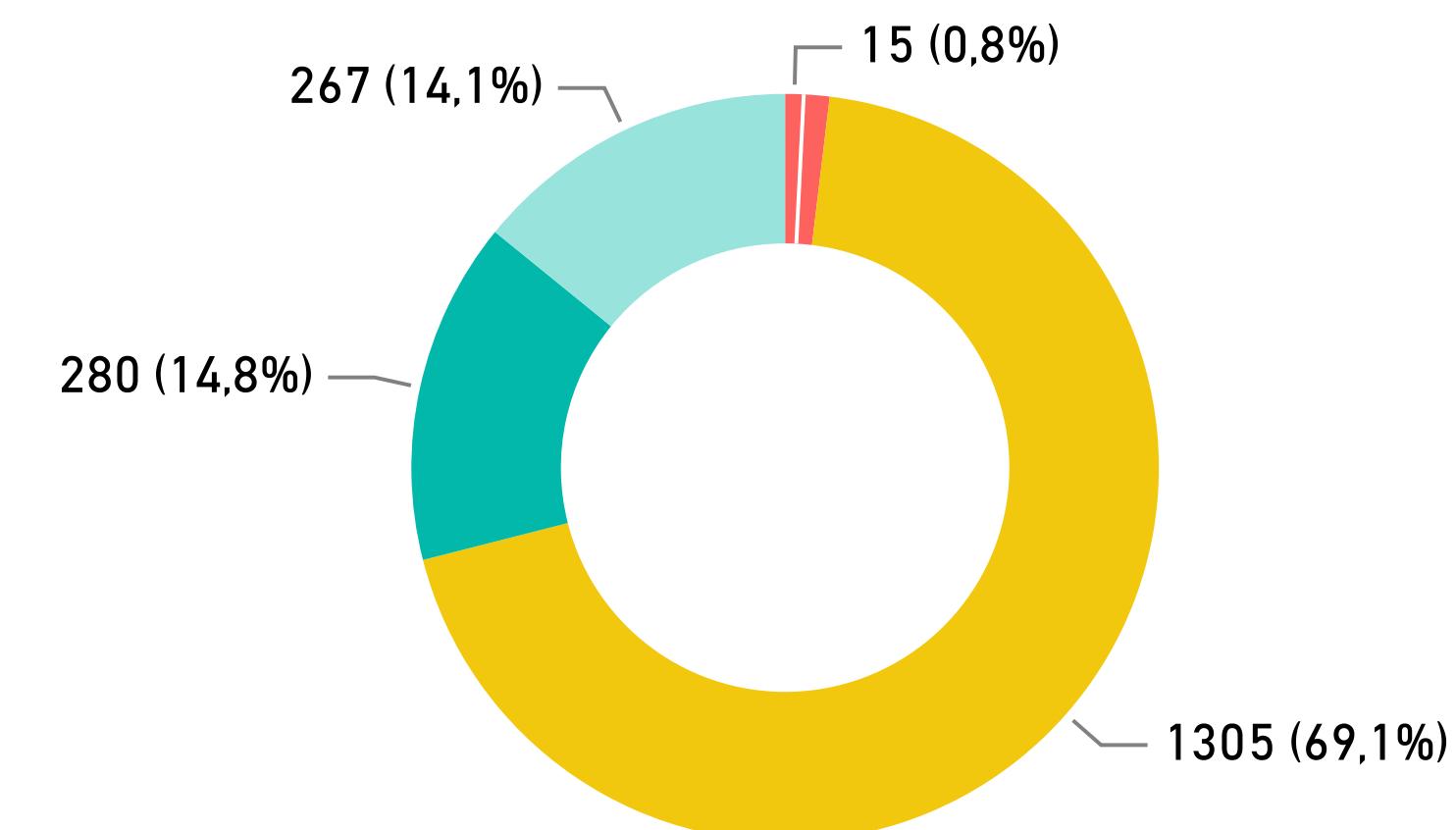
Indirect or direct laryngoscopy	Number
Normal	5
Not performed	16
<b>Total</b>	<b>91</b>

Total Number    Percent per Nerves at Risk    Percent per Patient

### Intentional Damage or Resection of the Recurrent laryngeal Nerve

### Postoperative Laryngoscopy (preoperatively known paresis excluded)\*

- Paresis of the right recurrent l...
- Paresis of the left recurrent lar...
- Not performed
- Normal
- (Tom)

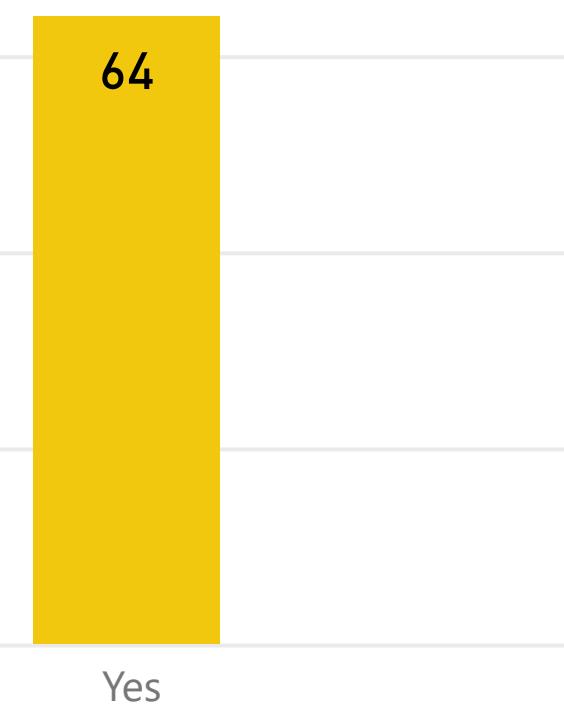


Indirect or direct laryngoscopy	Number
Normal	280
Not performed	1305
Paresis of the left recurrent laryngeal nerve	21
Paresis of the right recurrent laryngeal nerve	15
<b>Total</b>	<b>1888</b>

Total Number    Percent per Nerves at Risk    Percent per Patient

36    1,004    1,888

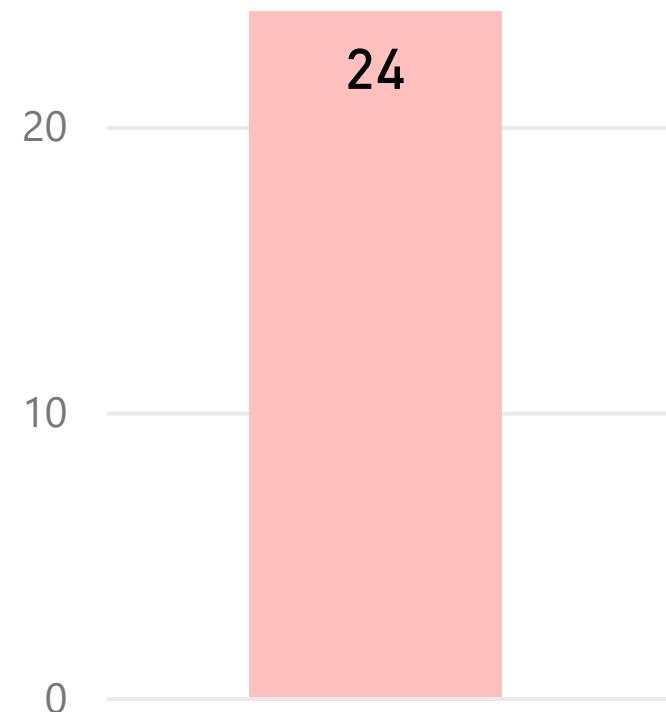
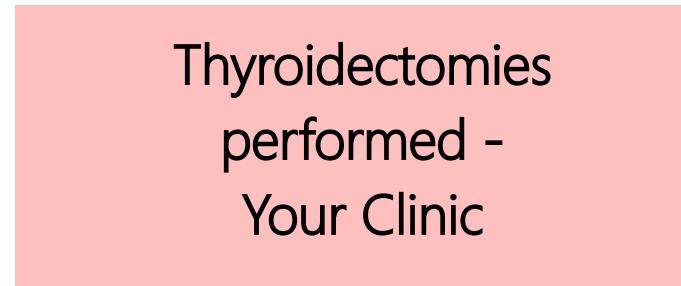
### Intentional Damage or Resection of the Recurrent laryngeal Nerve



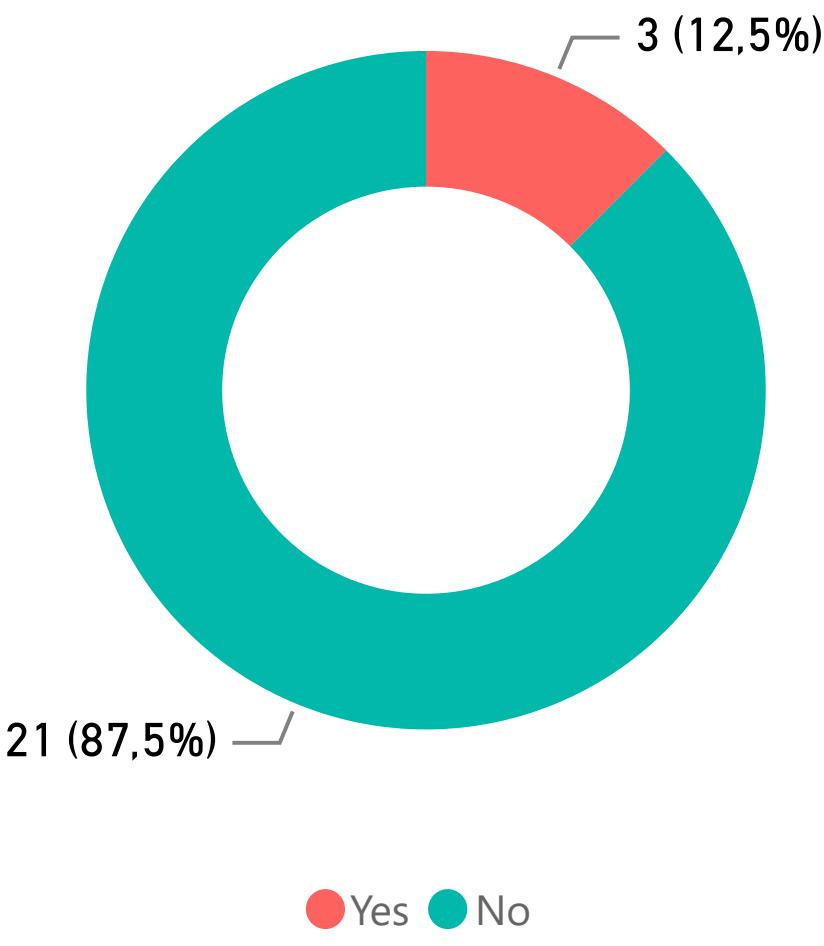
\*) Intentional Damage or Resection of the Recurrent Laryngeal Nerve are NOT excluded

# Thyroid

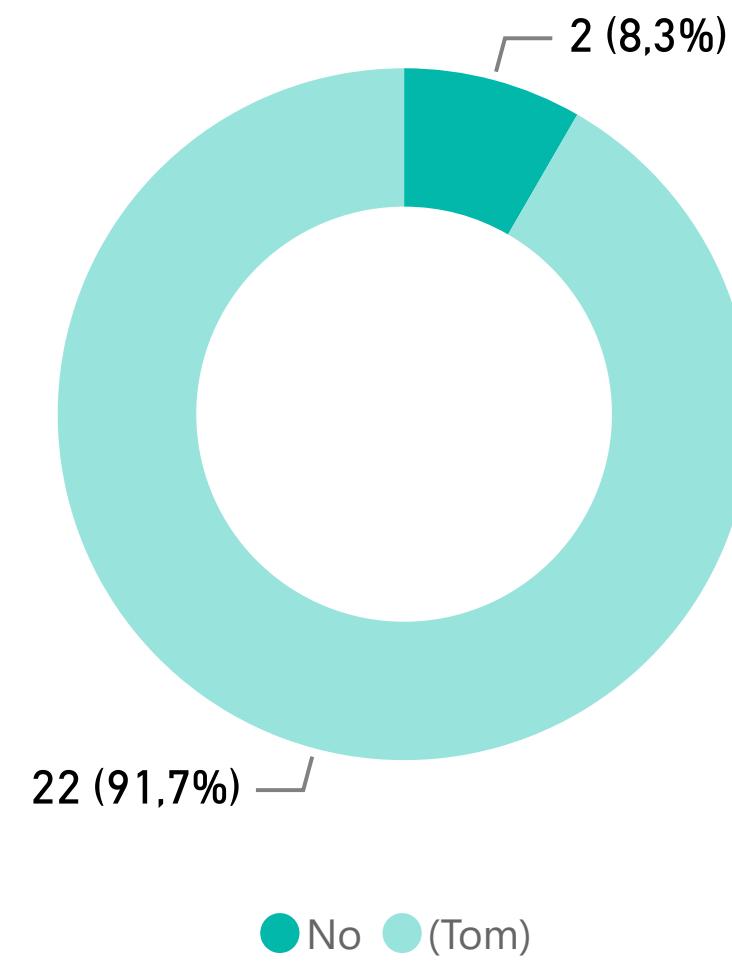
Short and Longterm Treatment of Postoperative Parathyroid Insufficiency (Total Thyroidectomies only)



Calcium po postoperatively

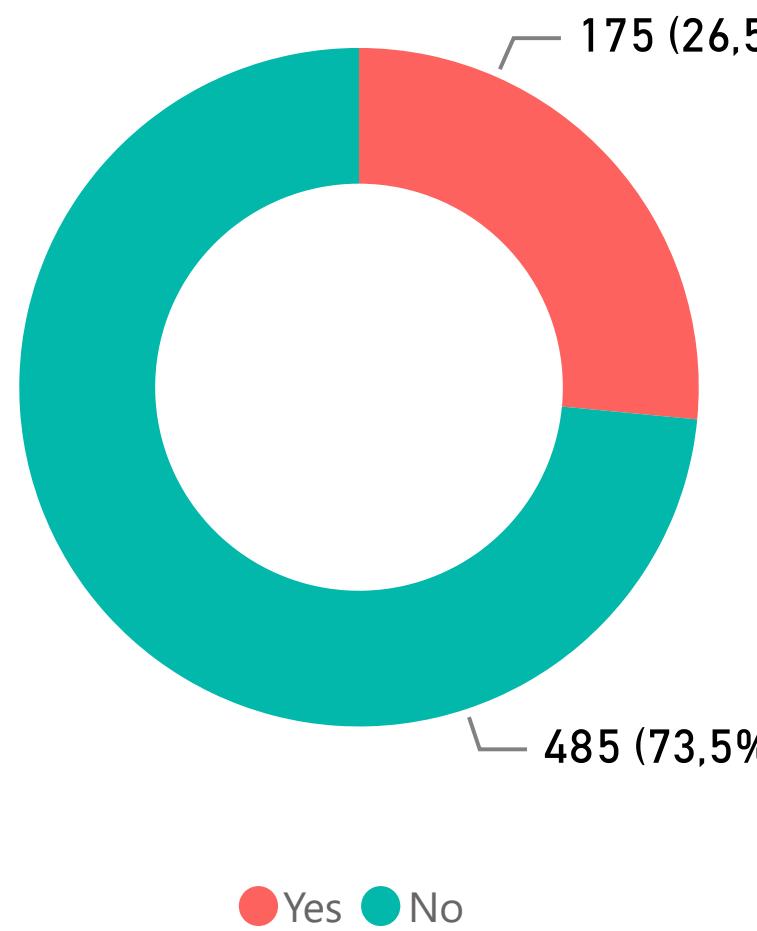


Calcium po at F1

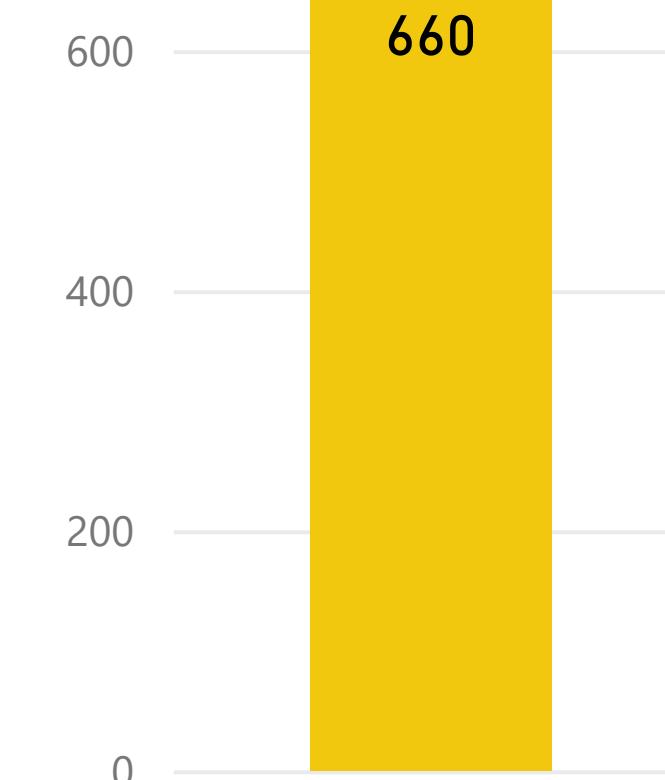
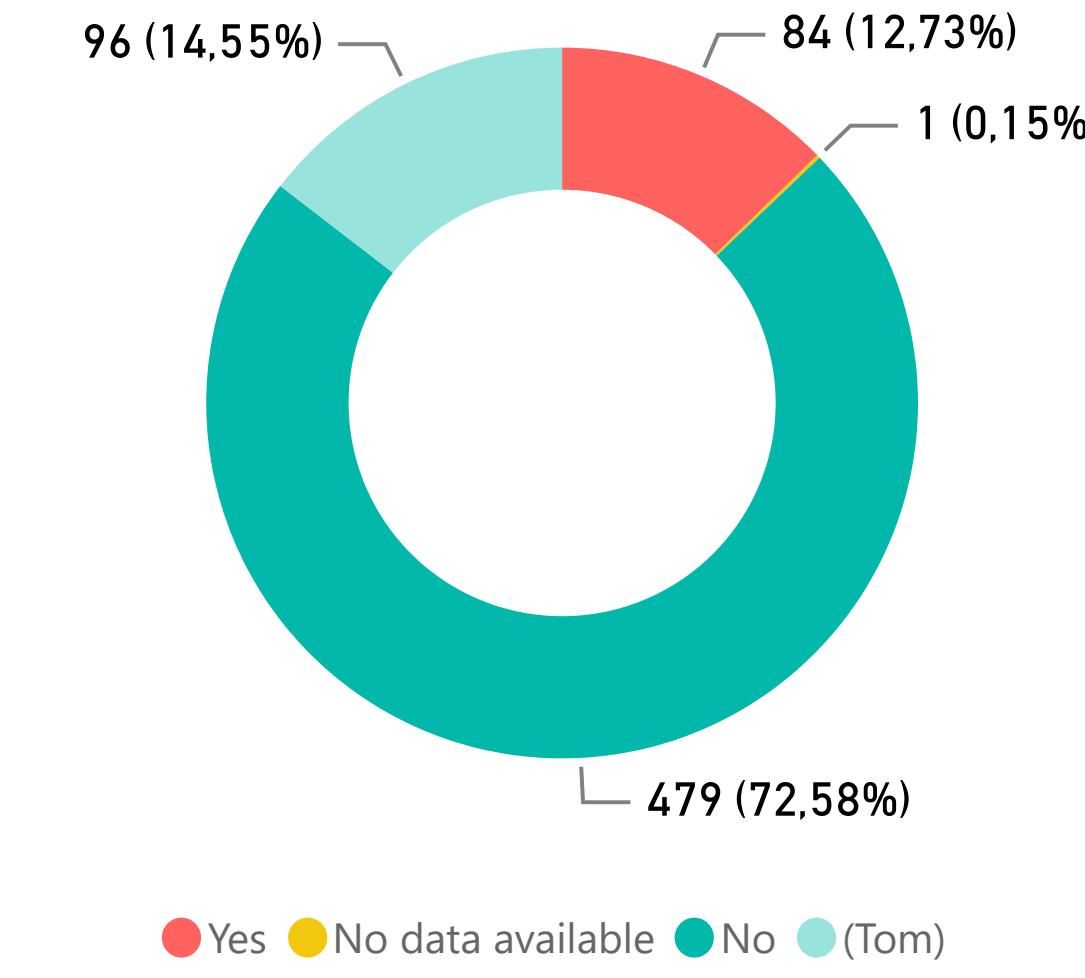


Thyroidectomies performed - EUROCINE Clinics

Calcium po postoperatively



Calcium po at F1

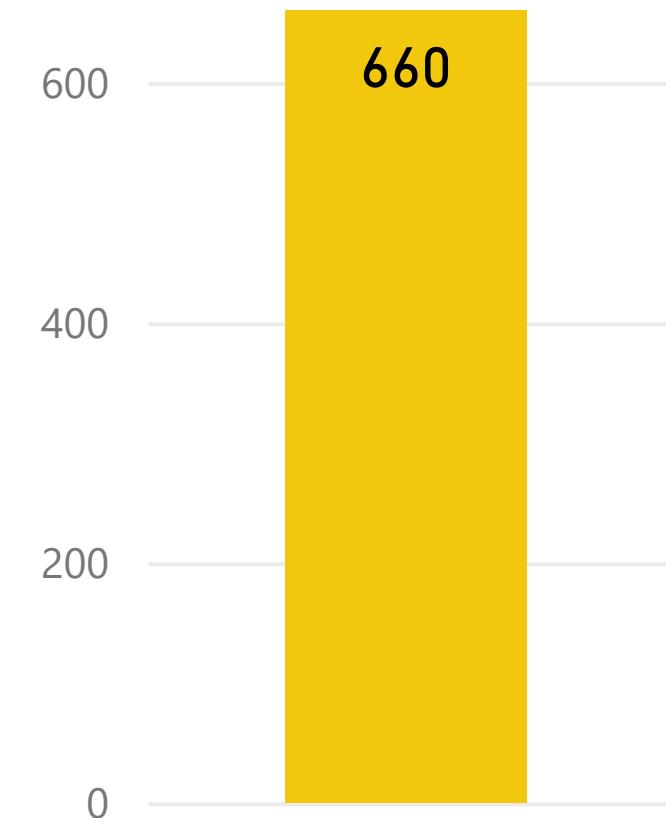
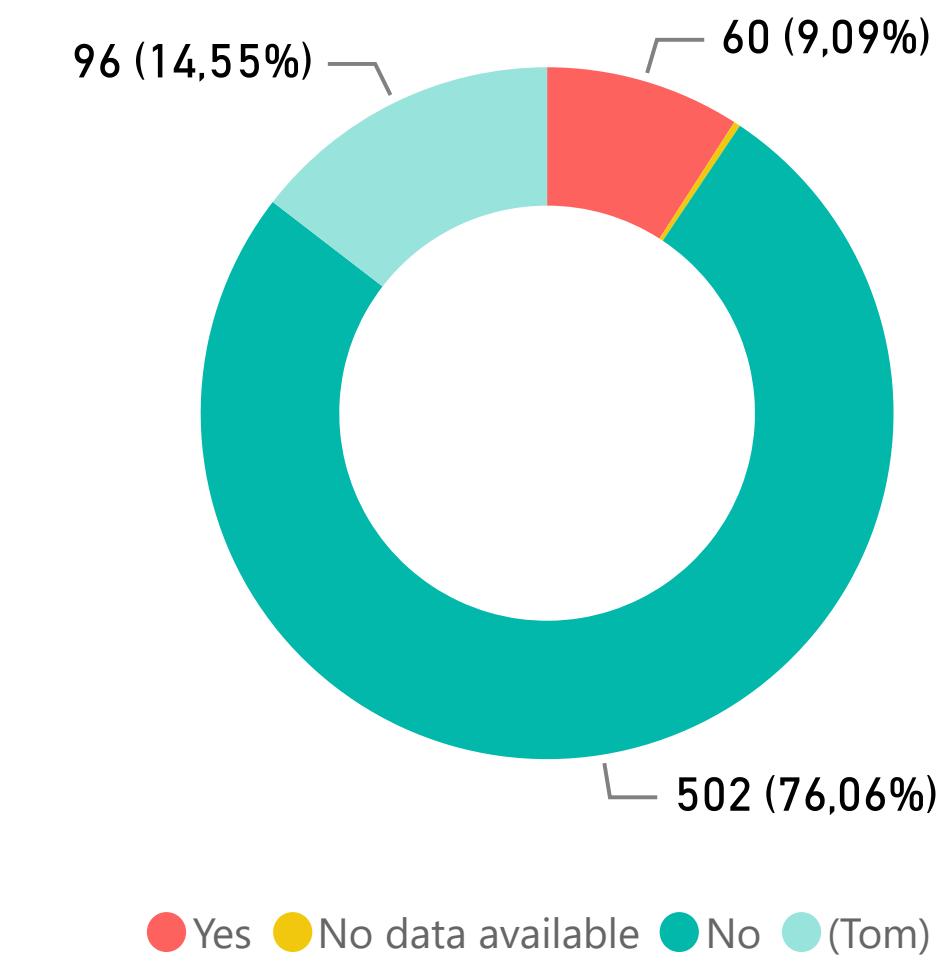
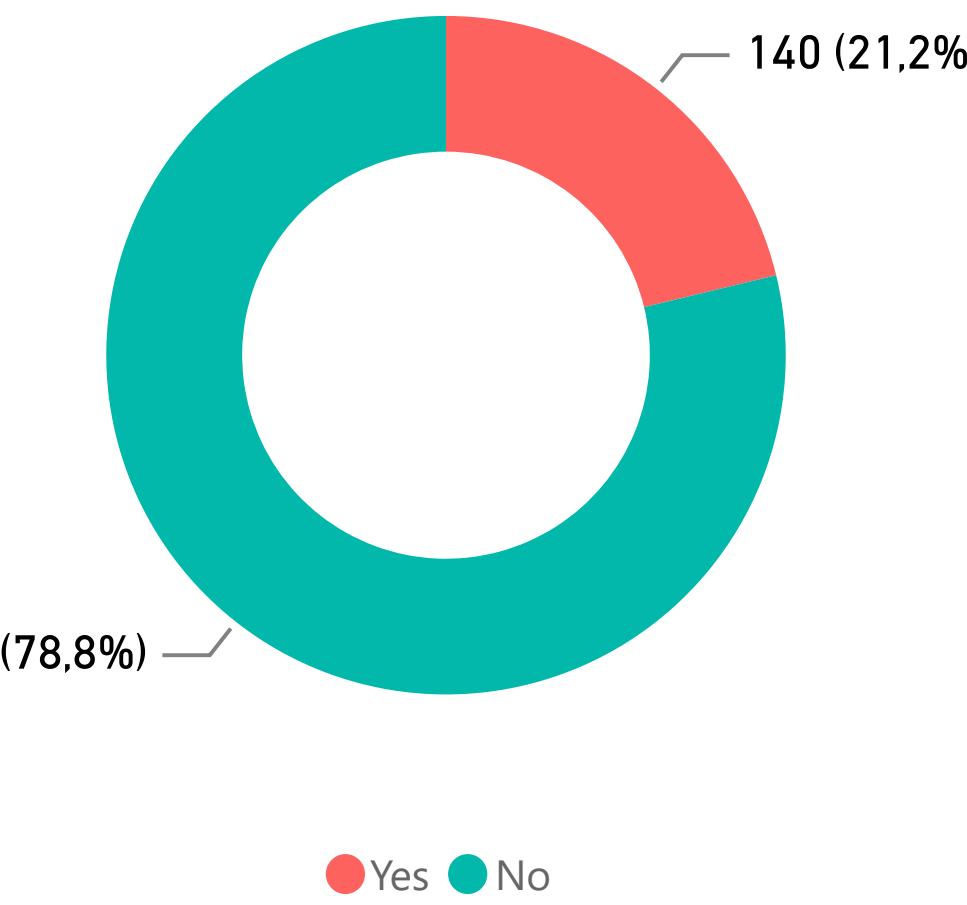
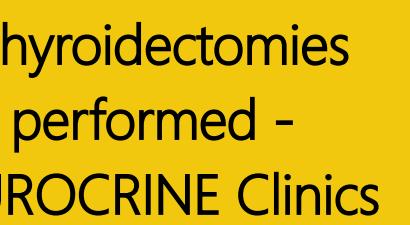
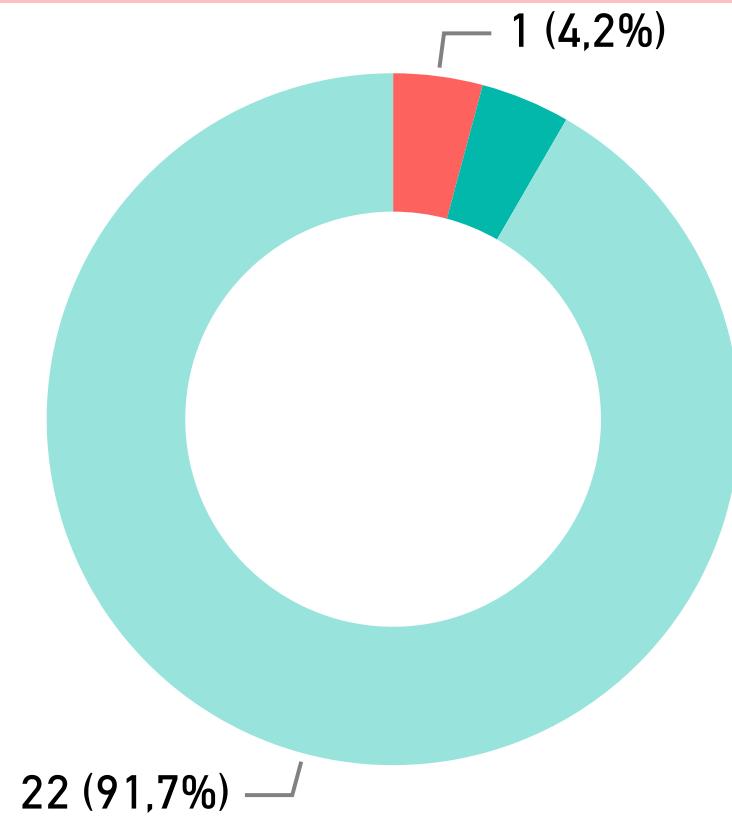
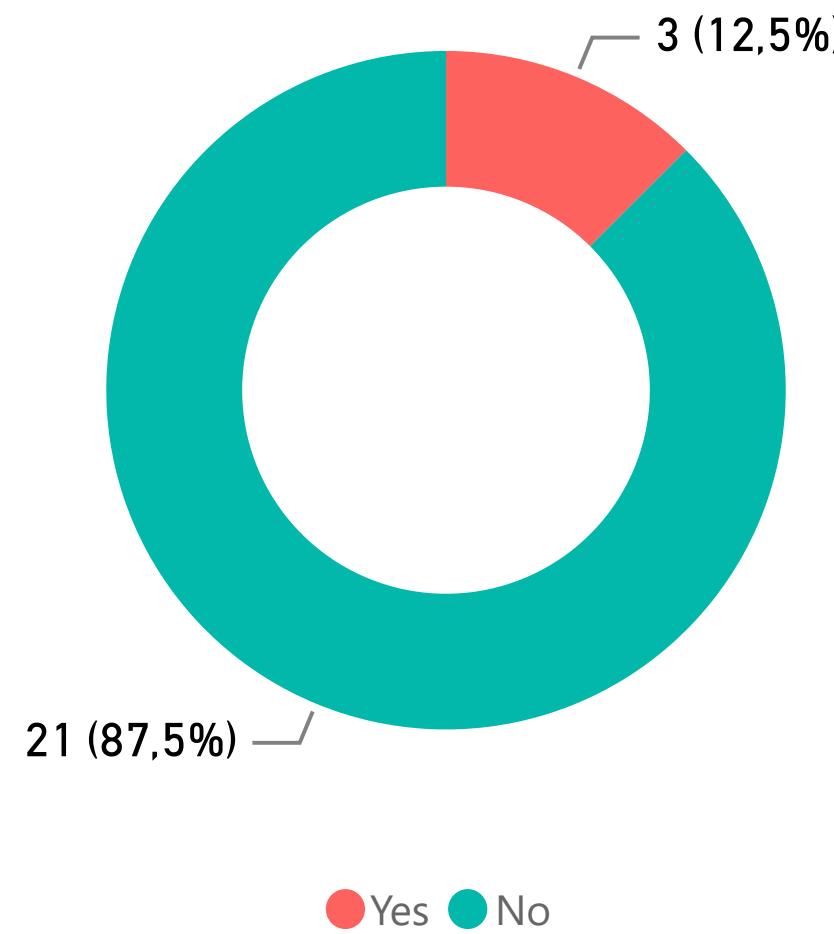
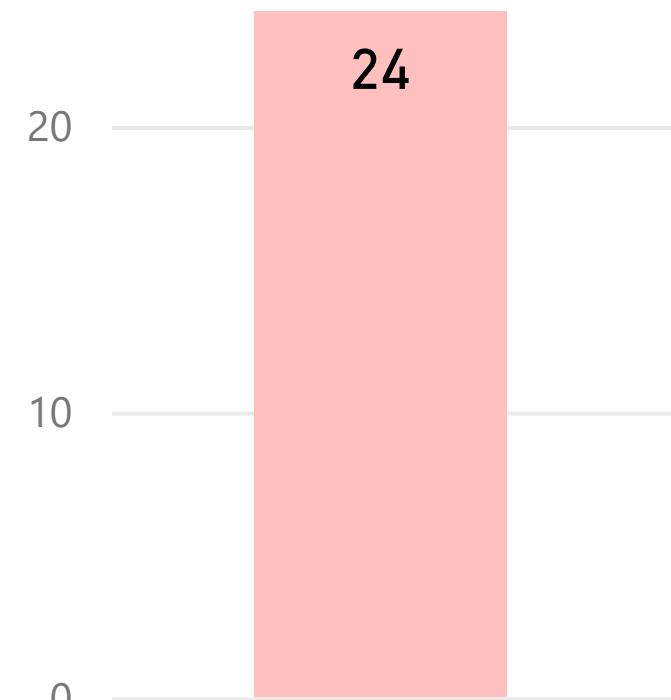
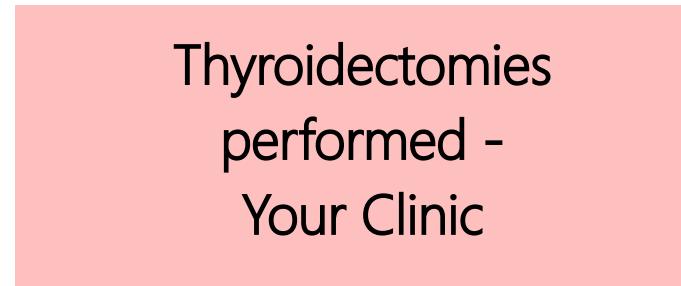


Yes No

Yes No data available No (Tom)

# Thyroid

Short and Longterm Treatment of Postoperative Parathyroid Insufficiency (Total Thyroidectomies only)



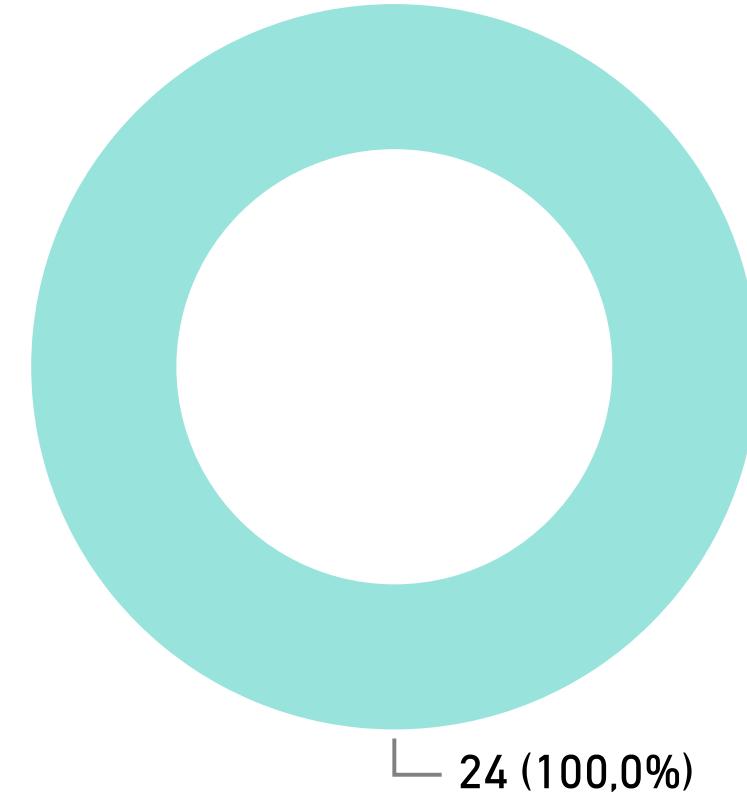
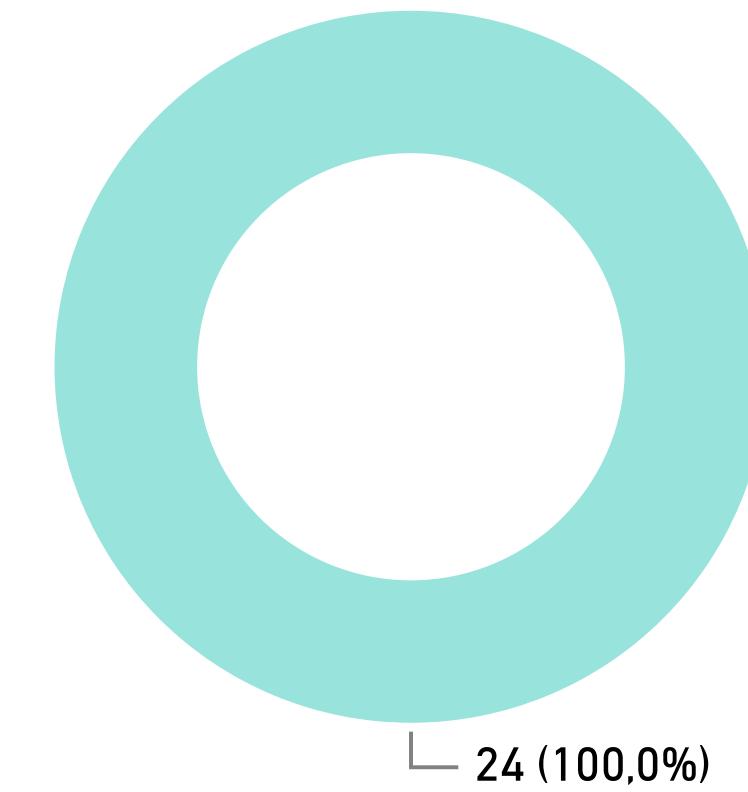
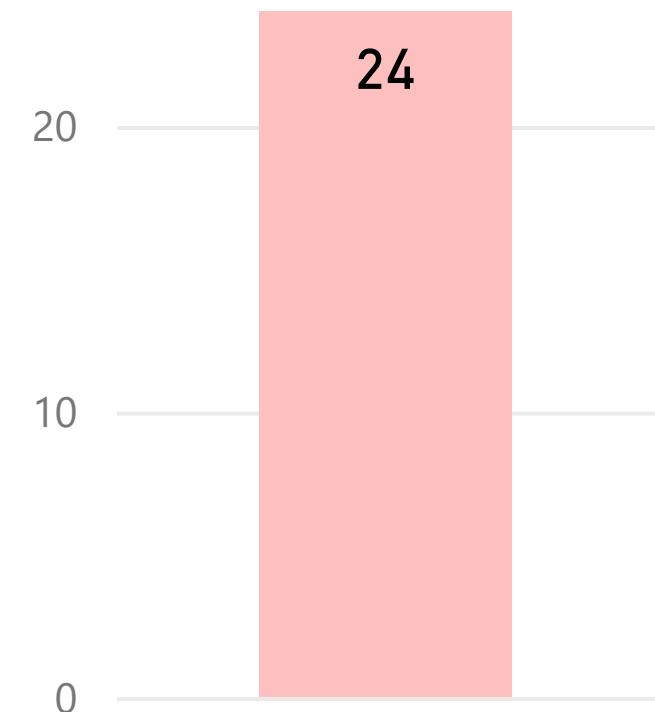
# Thyroid

Postoperative Parathyroid Insufficiency (Total Thyroidectomies only) - Course of PTH Values

Thyroidectomies  
performed -  
Your Clinic

PTH postoperatively

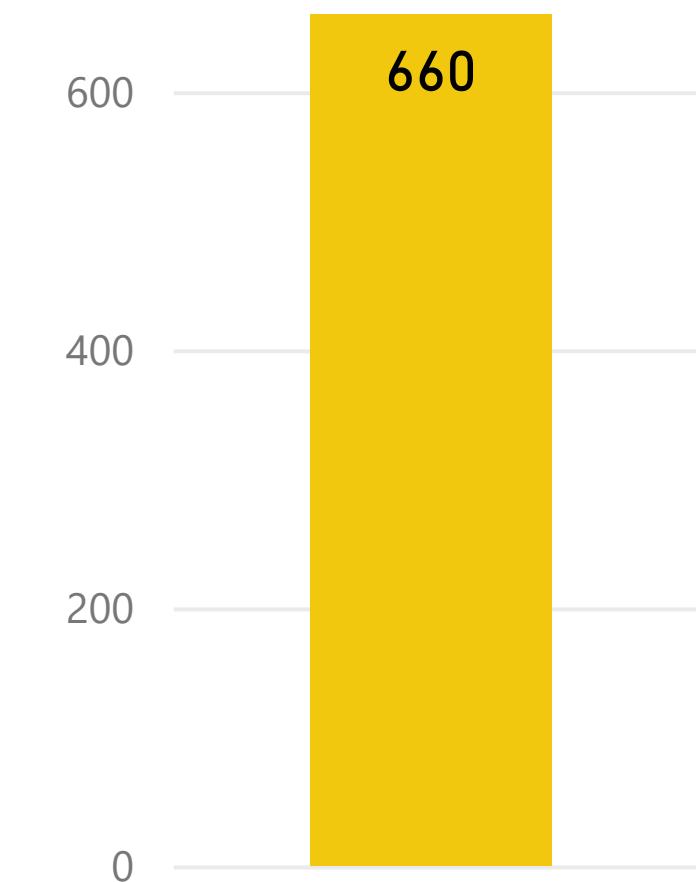
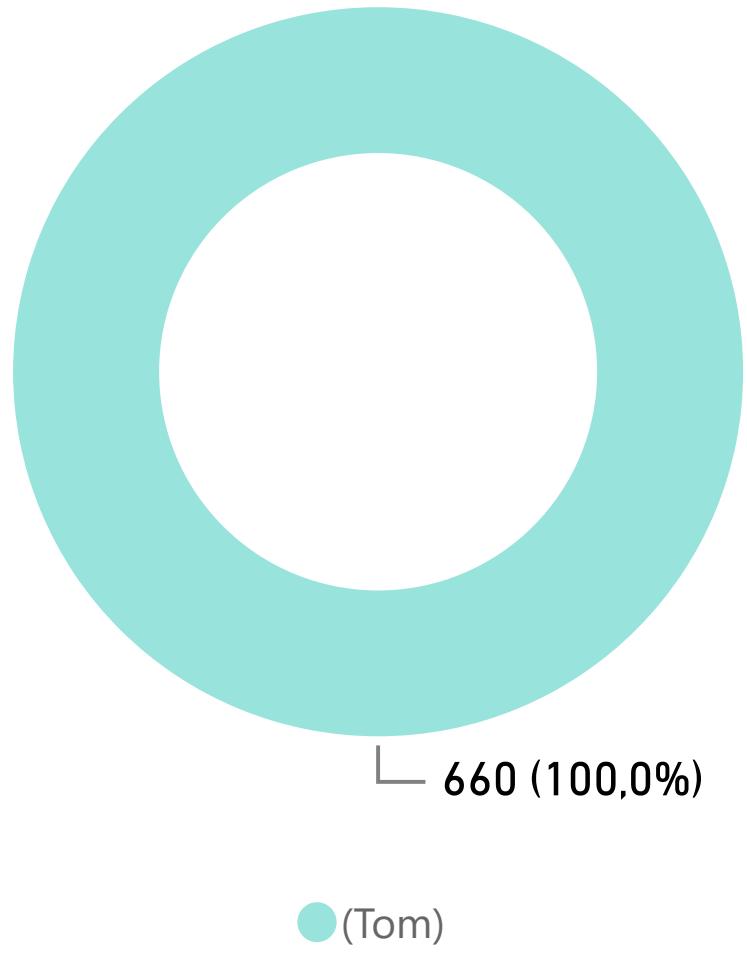
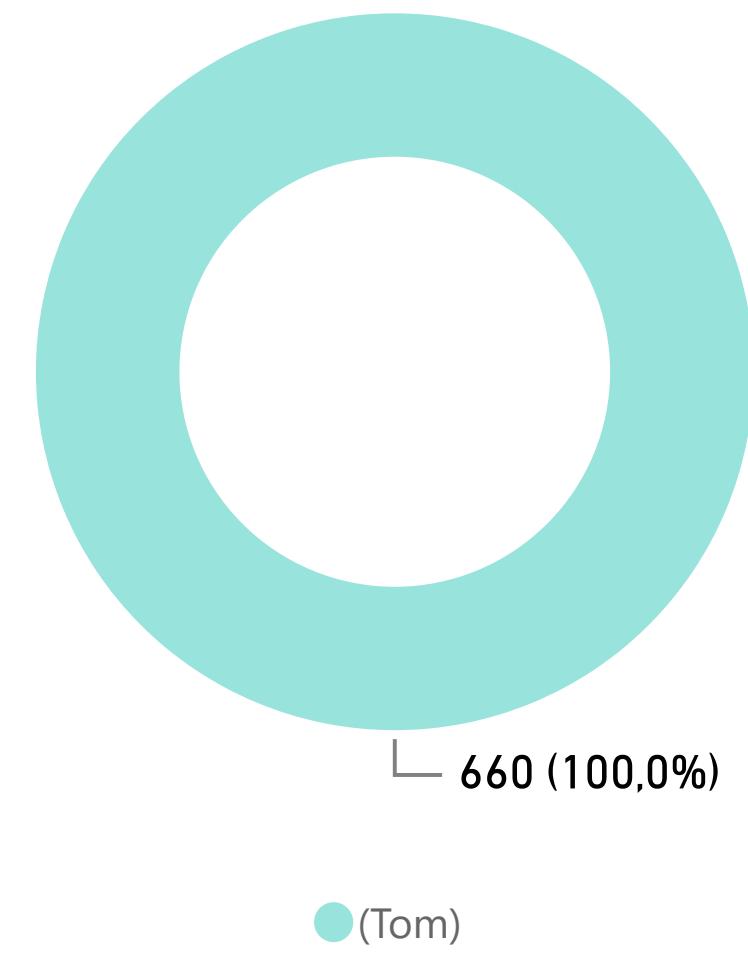
PTH at F1



PTH postoperatively

PTH at F1

Thyroidectomies  
performed -  
EUROCRINE Clinics

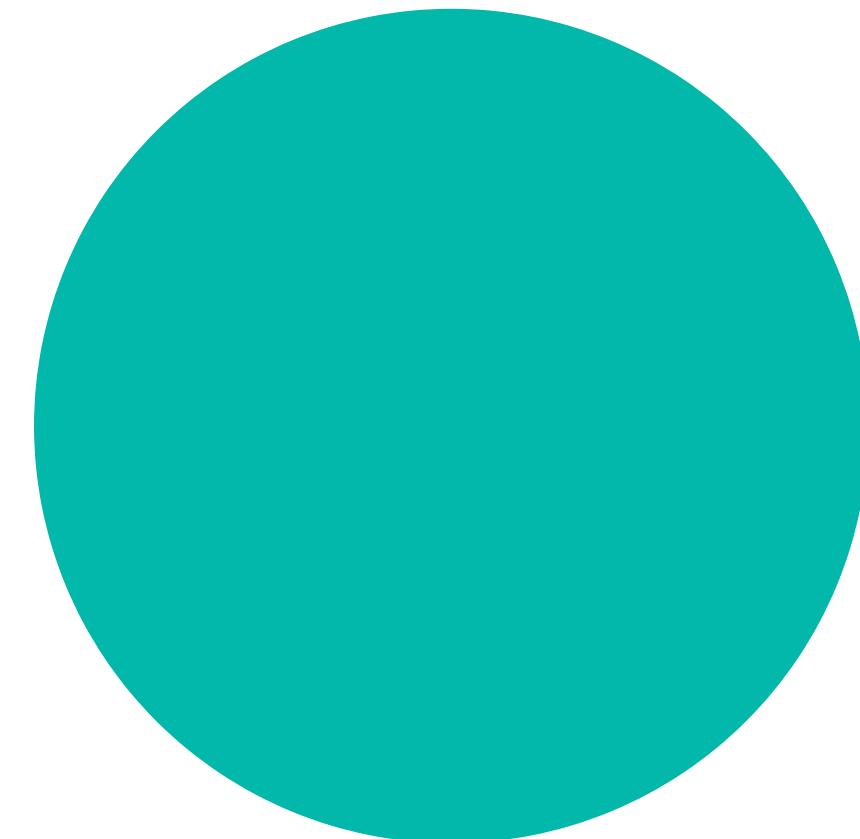


# Thyroid

## Postoperative Hemorrhage and Wound Infection

Postoperative Hemorrhage

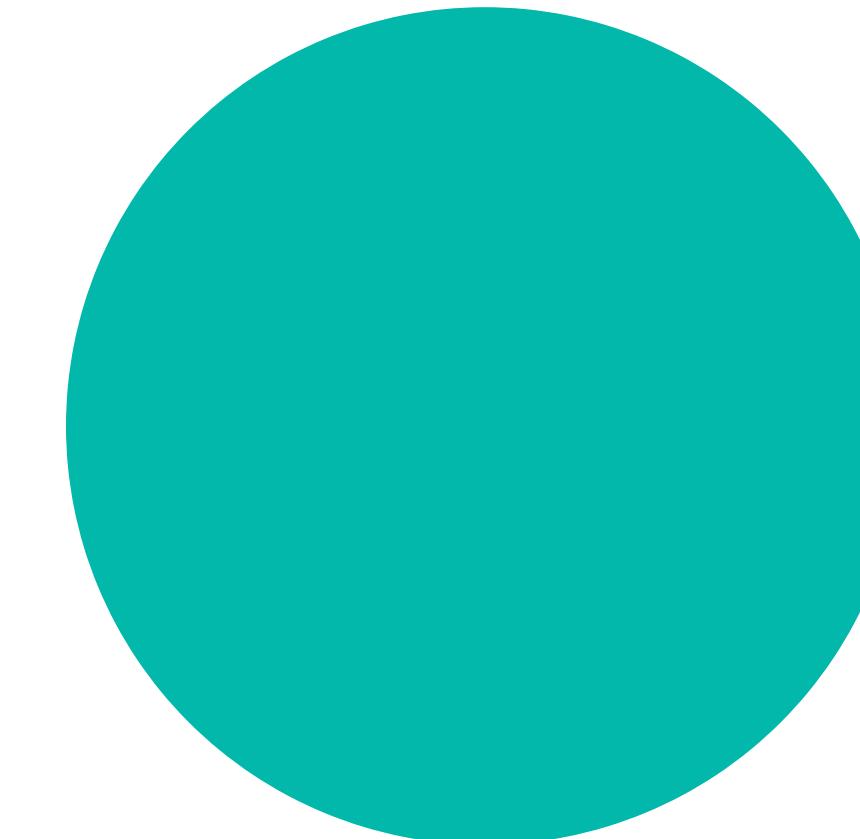
● No



└ 95 (100,0%)

Postoperative Wound Infection

● No

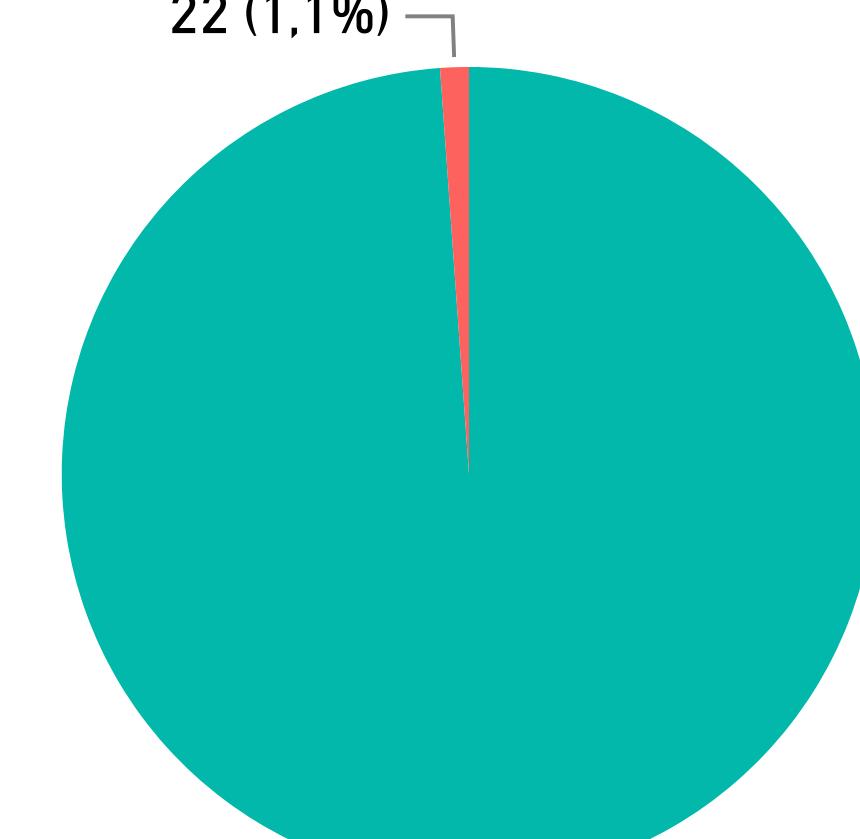


└ 95 (100,0%)

Postoperative Hemorrhage

● No

● Yes

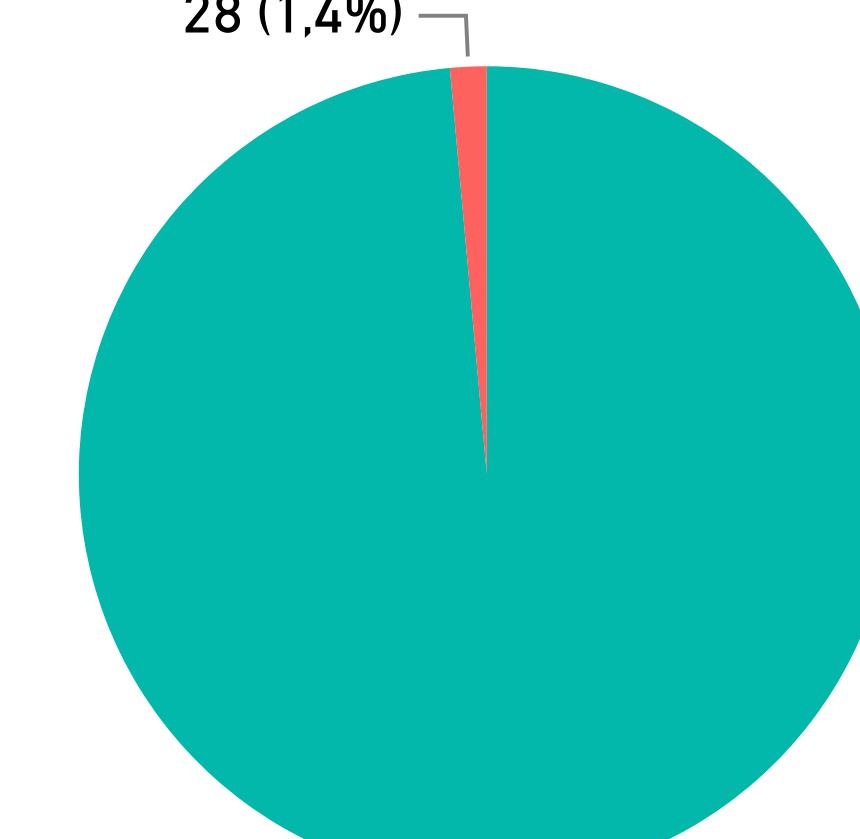


└ 1917 (98,9%)

Postoperative Wound Infection

● No

● Yes



└ 1911 (98,6%)