



doi:10.3978/j.issn.1005-6947.2015.05.028  
http://dx.doi.org/10.3978/j.issn.1005-6947.2015.05.028  
Chinese Journal of General Surgery, 2015, 24(5):753-756

321400

2003 7 —2011 11 420  
210 210

$P < 0.05$  2.38% vs. 7.14%  
5.71% vs. 16.67%  $P < 0.05$  1.90% vs.  
9.52%  $P < 0.05$

R653.2

5% 1%  
[1-2]

1  
1.1  
2003 7 —2011 11  
420 78 342  
1:4.4 18~71 49±  
9.5 18~71

1.8%~35.3%  
6.9%~46.0%<sup>[3-4]</sup>

2008 6 210  
2009 1

210

420

PTH  
 $P > 0.05$  B CT  
1

1.2

2014 07-11 2014 11-07

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128  
 118  
 62

112  
 +

+

80%

1 n=210  
**Table 1 Comparison of the general data between the two groups of patients (n=210)**

	[n % ]				PTH pg/mL		mmol/L			
	38	18.10	108	51.43	20	9.52	44	21.00	45.87± 15.67	2.39± 0.58
	35	16.67	96	45.71	30	14.29	49	23.33	44.56± 16.35	2.37± 0.66
t/ <sup>2</sup>	0.149		1.373		2.270		0.229		0.167	0.104
P	0.699		0.241		0.132		0.864		0.708	0.846

1.3

16.67% 35/210

2.38% 5/210

PTH 5.71% 12/210

PTH 12~88 pg/mL

2.1~2.6 mmol/L

PTH 1

P<0.05

2 [n=210, n % ]  
**Table 2 Comparison of the postoperative conditions between the two groups of patients [n=210, n (%)]**

	PTH pg/mL				mmol/L			
	12-88		<12		21-26		<21	
	195	92.86	15	7.14	175	83.33	35	16.67
	205	97.62	5	2.38	198	94.29	12	5.71
<sup>2</sup>	5.238				12.674			
P	0.022				0.001			

1.4

SPSS 19.0

t

<sup>2</sup> P<0.05

2

2.1 PTH

420 PTH

PTH

39.32± 11.54 pg/mL 2.21± 0.48 pg/mL

PTH

37.78± 9.66 pg/mL 2.16± 0.287 pg/mL

PTH

2 1 PTH

7.14% 15/210

2.2

1~2 g 2~3 g/d

2

2.3

2 PTH 4

1.90%

20 9.52%

<sup>2</sup>=15.541 P<0.05

3

PHT

7.14% 15/210 16.67%

35/210

X CT MRI

[5]

[3]

PTH

[6-7]

[8-9]

46%

PTH

420

15.24% 64/420

24 5.71%

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[10-11]

PTH

39.32± 11.54 pg/mL 2.21± 0.48 pg/mL



doi: 10.3760/cjgs101018-01780  
http://dx.doi.org/10.3760/cjgs101018-01780  
Chinese Journal of General Surgery, 2018, 38(10):1780-1785



目的 探讨术中甲状旁腺的准确定位和术中甲状旁腺的保护。  
 方法 回顾性分析 2015 年 4 月至 2017 年 12 月我院行甲状腺切除术的 200 例患者术中甲状旁腺的定位和保护情况。术中通过术中甲状旁腺荧光显像 (IFG) 和术中甲状旁腺定位仪 (IPG) 进行甲状旁腺的定位和保护。  
 结果 200 例患者术中甲状旁腺定位准确率为 100%。术中甲状旁腺保护率为 98.5%。术中甲状旁腺损伤率为 1.5%。术后甲状旁腺功能正常。  
 结论 术中甲状旁腺的准确定位和保护是甲状腺切除术的关键。术中甲状旁腺荧光显像和术中甲状旁腺定位仪的应用有助于提高甲状旁腺的定位和保护率。术中甲状旁腺的保护是降低术后低钙血症发生率的关键。

关键词: 甲状腺切除术; 甲状旁腺; 术中甲状旁腺定位; 术中甲状旁腺保护  
 中图分类号: R736.1  
 文献标识码: A  
 文章编号: 1007-1226(2018)10-1780-06  
 收稿日期: 2018-08-10  
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X3A1h2k 第 Y 期  
 [J]. Y)Efb.j., ( ): - . doi: / j.issn-...  
 Cite this article as: LI WY. Intraoperative identification and in situ protection of parathyroid glands during total thyroidectomy[J]. *Chin J Gen Surg*, ( ): - . doi: / j.issn-...