N° PATIENTS	AGE AT SURGERY, years-old	GENDER	PREOPERATIVE PITUITARY FUNCTION AND HORMONAL RESULTS												
			PREOPERATIVE PITUITARY FUNCTION	FUNCTIONING TUMOR	HORMON RELEASED	CORTISOL	ACTH	FSH	LH	TEST/ESTR	TSH	GH	IGF-1	PRL	INSIPIDUS DIABETES
1	21	male	altered	yes	PRL	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
2	53	male	altered	no	0	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no
3	60	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
4	52	male	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
5	53	female	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
6	57	male	altered	no	0	normal value	normal value	normal value	↓	↓	normal value	normal value	↓	normal value	no
7	43	male	altered	no	0	normal value	normal value	normal value	↓	↓	normal value	normal value	normal value	normal value	no
8	46	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
9	43	female	altered	no	0	↓	↓	normal value	normal value	normal value	normal value	↓	↓	↓	no
10	49	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
11	67	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
12	40	male	altered	yes	PRL	normal value	normal value	normal value	normal value	↓	normal value	↓	↓	↑	no
13	47	male	altered	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↓	no
14	33	male	altered	yes	TSH	normal value	normal value	normal value	normal value	normal value	↑	normal value	normal value	normal value	no
15	57	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
16	69	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
17	50	female	altered	yes	ACTH	↑	↑	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
18	70	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
19	63	female	altered	no	0	↑	↑	normal value	normal value	normal value	↓	normal value	normal value	normal value	no
20	49	male	altered	no	0	normal value	normal value	normal value	normal value	normal value	↓	normal value	normal value	normal value	no
21	71	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
22	58	female	altered	yes	PRL	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
23	35	male	altered	yes	PRL	↓	↓	normal value	↓	↓	↓	normal value	normal value	↑	no
24	73	female	normal	no	0	normal value	normal value	normal value	↓	normal value	↓	normal value	normal value	↑	no
25	65	male	altered	no	0	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no
26	74	female	altered	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
27	72	male	altered	no	0	↓	↓	↓	↓	↓	↓	↓	↓	↓	no
28	73	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
29	67	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
30	64	female	altered	yes	PRL	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
31	53	male	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	↓	↑	↑	normal value	no
32	55	male	altered	no	0	normal value	normal value	↓	↓	↑	normal value	normal value	normal value	normal value	no
33	77	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
34	30	female	altered	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
35	69	male	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
36	51	male	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
37	72	female	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
38	64	female	altered	yes	GH	normal value	normal value	normal value	normal value	normal value	normal value	↑	↑	normal value	no
39	42	female	altered	yes	PRL	↓	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	no
40	69	male	altered	no	0	↓	↓	↓	↓	↓	normal value	normal value	normal value	normal value	no
41	66	male	altered	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
42	67	female	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
43	79	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no
44	25	female	altered	yes	PRL	normal value	normal value	↓	normal value	↓	normal value	normal value	normal value	↑	no
45	69	male	normal	no	0	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no

N° PATIENTS	P0STOPERATIVE PITUITARY FUNCTION AND HORMONAL RESULTS											
	POSTOPERATIVE PITUITARY FUNCTION	CORTISOL	ACTH	FSH	LH	TEST/ESTR	TSH	GH	IGF-1	PRL	INSIPIDUS DIABETES	SUB-CLASSIFICATION GROUPS
1	altered	normal value	normal value	↓	↓	↓	↓	normal value	normal value	↑	no	3
2	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	1
3	altered	↓	↓	normal value	↓	↓	↓	normal value	normal value	normal value	no	3
4	altered	normal value	normal value	normal value	normal value	normal value	↓	↑	↑	↓	no	3
5	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
6	altered	normal value	normal value	normal value	↓	↓	normal value	normal value	normal value	normal value	no	1
7	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
8	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
9	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
10	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
11	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
12	altered	normal value	normal value	↓	↓	↓	normal value	normal value	normal value	↑	no	1
13	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
14	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
15	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
16	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
17	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
18	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
19	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	1
20	altered	↓	↓	↓	↓	↓	↓	normal value	normal value	↓	no	3
21	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
22	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
23	altered	normal value	normal value	normal value	↓	↓	↓	normal value	normal value	↑	no	1
24	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	yes	1
25	altered	↓	↓	↓	↓	↓	↓	↓	↓	normal value	no	3
26	altered	normal value	normal value	normal value	normal value	normal value	↓	normal value	normal value	normal value	yes	1
27	altered	↓	↓	normal value	↓	↓	↓	normal value	normal value	normal value	no	1
28	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
29	altered	normal value	normal value	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	3
30	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	3
31	altered	↓	↓	↓	↓	normal value	↓	normal value	normal value	↓	no	3
32	altered	↓	↓	↓	↓	↓	↓	↓	↓	normal value	no	3
33	altered	↓	↓	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	3
34	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
35	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
36	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	3
37	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	normal value	no	2
38	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	↑	normal value	no	2
39	altered	↓	↓	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1
40	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	1
41	altered	↓	↓	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	3
42	altered	↓	↓	normal value	normal value	normal value	↓	normal value	normal value	normal value	no	3
43	altered	↓	↓	normal value	↓	↓	↓	↓	↓	normal value	no	3
44	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	2
45	normal	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	normal value	no	1