

Patient	Age at visit (yrs, mos)	M/F	Race	Ethnicity	Symptom duration (yrs)	Blood Pressure at first visit (mmHg)	Body Mass Index (kg/m ²)	Avg 24hr UFC (nmol/24 hrs) over D1+D2	Avg UFC/BSA (nmol/24 hrs/m ²) over D1+D2	Avg Urinary 17OHS/Cr (mmol/mol Cr/24 hrs) over D1+D2	Avg midnight Plasma ACTH (pmol/L)	Avg early morning Plasma ACTH (pmol/L)	Avg midnight serum hydrocortisol (nmol/L)	Avg early morning serum hydrocortisol (nmol/L)	Proximal 1 cm hair (pmol/g hair)	Medial 1 cm hair (pmol/g hair)	Distal 1 cm hair (pmol/g hair)	Average of all 3-cm hair (pmol/g hair)	Median of all 3-cm hair (pmol/g hair)	Surgical procedure	Pathology results	Final diagnosis
1	66	M	Caucasian	Not Hispanic or Latino	10	166/87	28.9	299.7	140.4	2.3	6.3	7.5	281.4	295.2	60.1	44.3	45.4	49.9	45.4	Right adrenalectomy	Right adrenal nodular cortical hyperplasia	Primary hyperaldosteronism and Cushing's Syndrome due to co-secreting right adrenal adenoma
2	44	F	Caucasian	Not Hispanic or Latino	7	127/63	25.0	40.1	22.5	1.2	1.2	4.7	45.5	434.5	42.9	85.9	224.7	117.8	85.9	Not done	Not done	Non-functioning left adrenal adenoma
3	38	F	Caucasian	Not Hispanic or Latino	14	141/80	35.9	21.9	12.2	1.6	1.1	1.1	183.5	186.2	37.3	28.3	20.6	28.7	28.3	Left adrenalectomy	Left adrenocortical adenoma	Subclinical Cyclical Cushing's Syndrome due to left adrenocortical adenoma
4	50	F	Caucasian	Not Hispanic or Latino	12	158/86	29.9	163.3	85.6	3.0	1.3	1.5	328.3	315.9	38.6	11.9	16.0	22.2	16.0	Bilateral adrenalectomy	Bilateral diffuse macronodular adrenocortical hyperplasia	Cushing's Syndrome due to bilateral adrenocortical macronodular hyperplasia
5	40	F	Caucasian	Not Hispanic or Latino	1.50	125/72	36.0	197.8	84.8	2.2	1.1	1.1	166.9	391.7	49.7	44.7	49.7	48.0	49.7	Bilateral adrenalectomy	Bilateral macronodular adrenocortical hyperplasia	Cushing's Syndrome due to bilateral adrenocortical macronodular hyperplasia
6	50	F	Caucasian	Not Hispanic or Latino	3	134/69	42.5	46.5	23.2	1.7	1.1	1.1	92.4	209.7	4,113.4	7,574.6	4,518.9	5,402.3	4,518.9	Right adrenalectomy	Right adrenocortical adenoma	Cushing's Syndrome due to right adrenocortical adenoma
7	56	F	African American	Hispanic or Latino	4	156/90	44.7	300.3	158.4	4.0	1.2	1.1	440.0	463.5	49.4	33.9	30.6	38.0	33.9	Bilateral adrenalectomy	Bilateral multinodular adrenocortical hyperplasia	Cushing's Syndrome due to bilateral multinodular adrenal hyperplasia
8	14 yr 10 mo	M	Caucasian	Not Hispanic or Latino	1	109/63	33.3 (>97%ile)	147.2	63.5	2.3	2.3	4.9	27.6	226.2	33.4	29.8	18.5	27.2	29.8	Not done	Not done	Obesity and insulin resistance
9	15 yr 7 mo	F	Caucasian	Not Hispanic or Latino	1.50	123/71	23.1 (75-85%ile)	13.2	9.1	1.3	3.9	4.6	27.6	110.4	82.8	137.7	276.2	165.5	137.7	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Resolved Cushing's Disease status-post transsphenoidal resection
10	6 yr 4 mo	F	Caucasian	Hispanic or Latino	2.17	122/71	29.2 (>97%ile)	461.0	458.3	8.4	9.4	6.9	353.1	393.1	50.0	48.0	51.3	49.8	50.0	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
11	43	F	Asian	Not Hispanic or Latino	3	111/66	33.5	63.7	33.0	2.0	1.1	1.3	212.4	253.8	67.9	55.6	66.5	63.4	66.5	Right adrenalectomy	Right adrenocortical adenoma	Cushing's Syndrome due to right adrenocortical adenoma
12	54	F	Caucasian	Not Hispanic or Latino	4	130/75	45.4	130.5	63.9	2.9	1.6	1.7	110.4	257.9	28.3	24.2	19.5	24.0	24.2	Right adrenalectomy	Right adrenocortical adenoma	Cushing's Syndrome due to right adrenocortical adenoma
13	7 yr 3 mo	F	Caucasian	Not Hispanic or Latino	2.25	106/63	35.4 (>97%ile)	528.3	472.7	6.7	6.3	7.0	263.5	442.8	89.0	57.6	47.7	64.8	57.6	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
14	48	F	Asian	Not Hispanic or Latino	2	169/89	22.4	2,011.6	1,400.7	10.6	27.7	24.4	859.4	851.1	181.9	196.7	163.5	180.7	181.9	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
15	17 yr 1 mo	F	Caucasian	Not Hispanic or Latino	3	137/88	36.0 (>97%ile)	584.7	350.7	6.7	8.8	9.3	648.3	525.6	73.8	45.2	39.8	52.9	45.2	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
16	13 yr 6 mo	F	Caucasian	Hispanic or Latino	1	117/88	21.7 (75-85%ile)	1,804.8	1,357.2	13.6	14.3	14.7	656.6	881.4	225.9	670.4	1,120.9	672.4	670.4	Radical right lower lobectomy and mediastinal lymph node resection	Bronchogenic carcinoid tumor, ACTH-producing	Ectopic Cushing's Syndrome due to ACTH-producing right bronchogenic carcinoid tumor
17	64	F	Caucasian	Not Hispanic or Latino	0.25	108/66	28.7	13.9	7.9	1.7	2.0	2.1	27.6	29.0	19.4	29.8	28.5	25.9	28.5	Not done	Not done	Non-secreting pituitary macroadenoma complicated by central hypothyroidism and central adrenal insufficiency
18	21	M	Caucasian	Not Hispanic or Latino	1	159/118	33.4	5,527.1	2,739.4	8.3	26.4	17.3	688.3	566.9	719.4	731.2	568.1	672.9	719.4	Thymectomy, lymph node resection, and bilateral adrenalectomy	Thymic neuroendocrine tumor, ACTH-producing; Diffuse adrenocortical hyperplasia	Ectopic Cushing's Syndrome due to ACTH-producing thymic neuroendocrine tumor
19	26	F	Caucasian	Not Hispanic or Latino	9	128/76	57.9	184.6	76.4	4.4	71.9	62.5	204.2	280.0	91.0	70.8	71.8	77.8	71.8	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
20	60	M	Caucasian	Not Hispanic or Latino	1.50	127/63	32.8	271.3	138.1	3.0	53.5	7.7	253.8	438.6	95.7	108.7	81.1	95.2	95.7	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
21	16 yr 6 mo	F	Caucasian	Not Hispanic or Latino	2	113/56	38.9 (>97%ile)	30.3	16.3	1.4	3.7	5.6	40.0	280.0	44.7	31.9	30.6	35.7	31.9	Not done	Not done	Depression
22	9 yr 9 mo	M	Unknown	Hispanic or Latino	2.75	129/69	28.2 (>97%ile)	613.8	517.8	4.6	19.1	19.3	456.6	521.4	134.3	103.1	85.0	107.4	103.1	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
23	10 yr 2 mo	F	Unknown	Hispanic or Latino	2.50	120/74	24.6 (97%ile)	1,007.1	804.8	5.7	5.6	5.3	595.9	640.0	184.0	160.8	85.0	143.3	160.8	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
24	16 yr 8 mo	F	Asian	Not Hispanic or Latino	2.83	126/80	28.6 (90-95%ile)	299.5	171.4	4.4	2.6	5.6	154.5	440.0	142.5	120.9	80.2	114.5	120.9	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
25	12 yr 0 mo	M	Caucasian	Not Hispanic or Latino	1	136/80	23.7 (90-95%ile)	1,399.5	978.4	8.9	9.0	7.2	899.4	495.2	164.7	137.9	125.2	142.6	137.9	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
26	9 yr 9 mo	F	Caucasian	Not Hispanic or Latino	1.50	127/77	27.9 (>97%ile)	405.8	349.5	5.2	2.9	10.0	506.2	451.1	35.0	21.2	17.6	24.6	21.2	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
27	15 yr 3 mo	F	Caucasian	Not Hispanic or Latino	0.75	126/86	26.0 (90-95%ile)	2,186.5	1,355.6	9.1	14.6	10.0	847.0	794.5	49.1	11.9	14.1	25.0	14.1	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
28	14 yr 8 mo	F	Caucasian	Not Hispanic or Latino	0.60	124/67	23.3 (75-85%ile)	48.7	28.6	2.2	1.2	9.9	31.7	478.7	10.2	5.5	5.2	7.0	5.5	Not done	Not done	Irritable Bowel Syndrome and dysmenorrhea
29	17 yr 6 mo	F	Caucasian	Hispanic or Latino	4.00	153/95	27.2 (90-95%ile)	1,846.9	1,095.9	7.1	5.6	4.0	623.5	325.5	150.4	87.2	109.0	115.5	109.0	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
30	27	F	Unknown	Hispanic or Latino	0.75	144/94	36.6	1,408.6	770.9	7.7	Not done	Not done	633.1	631.8	141.0	53.2	23.4	72.6	53.2	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
31	6 yr 1 mo	F	Caucasian	Not Hispanic or Latino	0.75	114/75	29.8 (>97%ile)	683.8	727.9	7.7	4.7	3.0	311.7	384.9	42.2	18.2	8.6	23.0	18.2	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
32	14 yr 11 mo	M	Caucasian	Not Hispanic or Latino	1	151/80	31.6 (>97%ile)	2,109.7	1,114.3	5.7	7.1	11.3	558.7	667.6	187.6	165.3	121.7	158.2	165.3	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
33	13 yr 8 mo	M	Caucasian	Not Hispanic or Latino	1	128/60	27.3 (95-97%ile)	2,450.5	1,618.0	6.8	13.9	19.4	711.8	718.7	178.8	68.4	32.8	93.3	68.4	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
34	16 yr 3 mo	F	African American	Not Hispanic or Latino	4.50	130/83	38.0 (>97%ile)	866.8	451.0	5.8	9.0	12.1	467.6	669.0	235.6	147.0	109.2	164.0	147.0	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease
35	11 yr 7 mo	M	Caucasian	Hispanic or Latino	4	129/85	23.8 (90-95%ile)	449.7	359.8	4.2	4.7	2.0	326.9	311.7	315.9	375.7	430.6	374.1	375.7	Transsphenoidal resection	Probable pituitary adenoma	Cushing's Disease
36	16 yr 9 mo	F	African American	Not Hispanic or Latino	8.75	132/68	38.7 (>97%ile)	106.1	58.3	2.3	6.5	10.5	230.4	256.6	64.8	45.5	48.0	52.8	48.0	Transsphenoidal resection	Pituitary adenoma, ACTH-positive	Cushing's Disease