Patient name: Bob Johnson

Outpatient card

Patient's first and last name: **Bob Johnson**
Age: **45**
Sex: Male
Racial variations of hair **European/Caucasian**
Height: **1 m. 70 cm.**
Weight: **70 kg.**
BMI: **24.2**
Occupation or professional environment: **Technician**
Referral from: **Physician**
Complaints: **Major scalp problems and hair loss**

Questionnaire

Hair and scalp condition:

Onset of hair loss: **15 years**
Intensity of hair loss: **Moderate or slightly-expressed**
Duration of hairloss: **Over 6 months**
Hair thinning: **Yes**

Male Pattern Baldness:

Hamilton-Norwood Scale, type: **IV**
Heredity factor in first degree relatives: **Yes**
Heredity factor in other relatives: **None**
Hair type: **Oily**
Hair form: **Straight**

Hair sort: **Thin**

Hair length and natural color: **10cm., brown-grey**

Scalp condition: **Greasy**

Level of greasyness and excessive oils: **2**

Condition of skin other than scalp: **Normal**

Acne: **Absent**

Nail plates: **Normal**

Special diet or dietary regulations: **None**

Presence of "bad habits" (regular smoking, alcohol, lack of sleep): **smoking, 10 cigarettes a day**

Health conditions:

Recent and concomitant diseases and health conditions: **Hypertension**

Other: **None**

Surgeries, injuries, high fever, narcosis up to 6 months prior to hair loss onset: **No**

Administration of drugs potentially causing hair loss: **No**

Anabolic steroids usage: **No**

Prescription / non-prescription drugs on regular basis: **Atenolol**

Exposure to stress: **moderate**

Condition of nervous system: **Anxiety**

Lab data / Blood tests:

Hemoglobin: **Norm**

Ferritin, serum iron: **Norm**

Transferrin, total iron binging capacity: **Norm**

TSH (Thyroid Stimulating Hormone): **Norm**

Routine care and treatment efficacy:

Hair wash frequency: **Every other day**

Choice of shampoo: **Pharmacy**

Conditioner / Mask / Cream: **Light**

Hair styling: **Mousse**

Hair dyeing (if yes for how long and how often): **None**

Hair bleaching (if yes for how long and how often): **None**

Hair cut frequency: **Every other month**

Previous hair treatments: **None**

Food supplements / special vitamins: **Multivitamins**

Herbal remedies: **Essential Oils**

Procedures: **Massage**

Specific therapy: **Laser**

Injection therapy: **Accupuncture**

History of most effective treatment methods/products: **None**
Usage of topical minoxidil or similar treatments: **None**
Finasterides (Proscar, Propecia, etc.): **None**
Dutasterides (Avodarf, Avolve, etc.): **None**
Drug intolerances, if any: **None**
Provisional diagnosis: **AGA, Dermatitis**
Dandruff: **Some**
Seborrheic dermatitis: **Areas of redness**
Pruritius (itch): **Mild**
Sensitivity: **Mild**

Trichoscopy: 2/19/2013 3:23:59 PM

Parietal area estimation:
Density/cm2:
Total: 165 (100%)
Terminal: 107 (65%)
Vellus: 59 (35%)
Total calculated/19 sq.mm
Total: 31 (100%)
Terminal: 20 (65%)
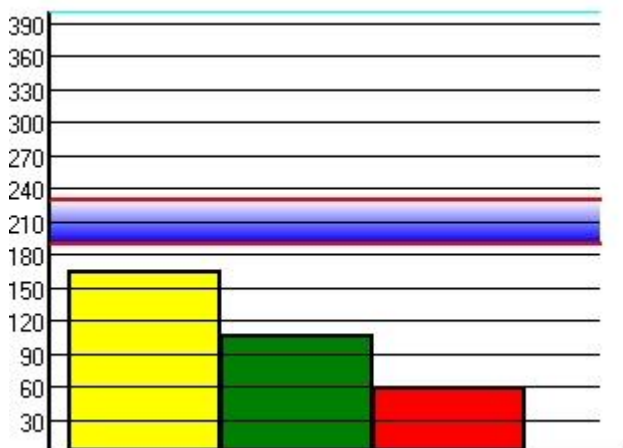Vellus: 11 (35%)
Total follicular units: 22
Follicular units per sq.cm: 117.3
Single follicular units: 54.5% (12 per 18.75 sq.mm)
Double follicular units: 45.5% (10 per 18.75 sq.mm)
Yellow dots total: 1 in 1 field of view
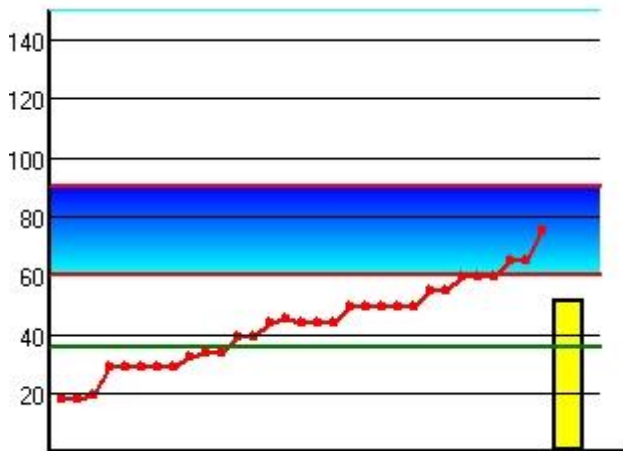
Hair density chart:

Follicular units per sq.cm: 117.3
Single follicular units: 54.5% (12 per 18.75 sq.mm)
Double follicular units: 45.5% (10 per 18.75 sq.mm)

Yellow dots total: 1 in 1 field of view

Hair diameter:
Measured total: 31 hairs per 18.75 sq.mm
Mean diameter: All hairs 43 +/- 2.7 µm
Mean diameter: All Terminal hairs (>35 µm) 52 +/- 2.2 µm
Measured Terminal hairs (>35 µm): 65% (20 per 18.75 sq.mm)
Measured Vellus hairs (<35 µm): 35% (11 per 18.75 sq.mm)
Among Terminal hairs: Thin hairs (35-60 µm): 85%
Regular hairs (60-80 µm): 15%
Anisotrichosis: 43 +/- 14.5 µm

Hair diameters chart:

Measured total: 31 hairs per 18.75 sq.mm
Mean diameter: All hairs 43 +/- 2.7 µm
Measured Terminal hairs (>35 µm): 65% (20 per 18.75 sq.mm)
Measured Vellus hairs (<35 µm): 35% (11 per 18.75 sq.mm)

Among Terminal hairs:
Thin hairs (35-60 µm): 85%
Regular hairs (60-80 µm): 15%
Anisotrichosis: 43 +/- 14.5 µm
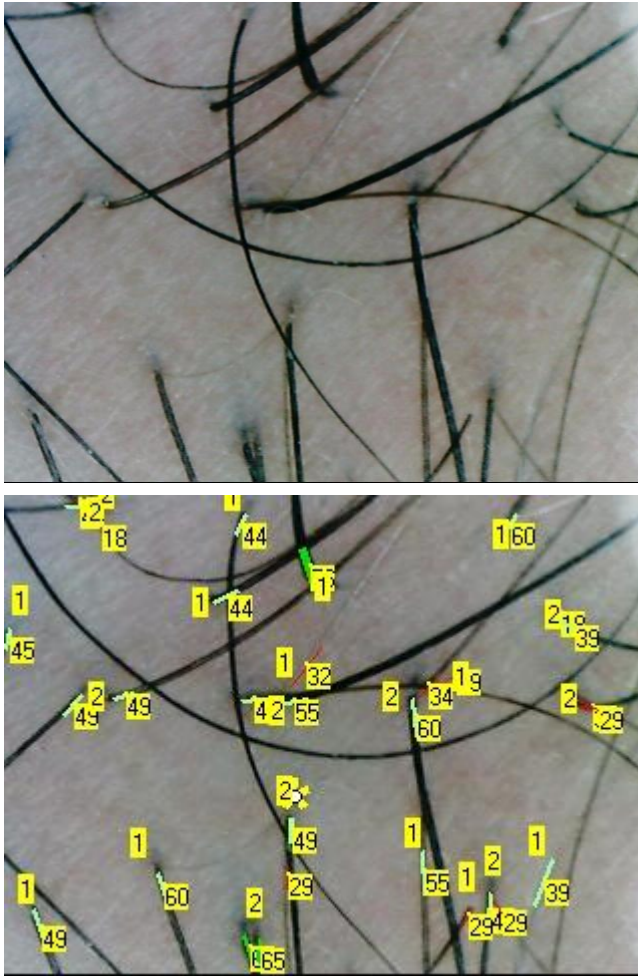
Occipital area estimation:
Density/cm2:
Total: 224 (100%)
Terminal: 165 (74%)
Vellus: 59 (26%)
Total calculated/19 sq.mm
Total: 42 (100%)
Terminal: 31 (74%)
Vellus: 11 (26%)
Total follicular units: 31
Follicular units per sq.cm: 165.3
Single follicular units: 77.4% (24 per 18.75 sq.mm)
Double follicular units: 16.1% (5 per 18.75 sq.mm)
Triple follicular units: 6.5% (2 per 18.75 sq.mm)
Pointed hairs total: 5 in 1 field of view
Yellow dots total: 8 in 1 field of view

Hair density chart:

Total hairs: 224 per sq.cm.

Terminal hairs: 74% (165 per sq.cm.)

Vellus hairs: 26% (59 per sq.cm.)

Normal mean density for this hair type

Follicular units per sq.cm: 165.3
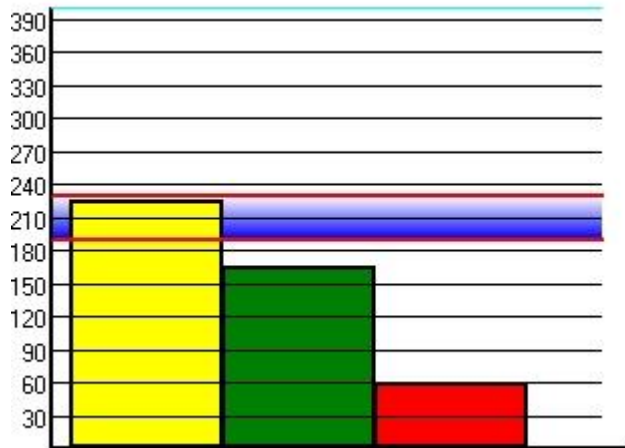Single follicular units: 77.4% (24 per 18.75 sq.mm)
Double follicular units: 16.1% (5 per 18.75 sq.mm)
Triple follicular units: 6.5% (2 per 18.75 sq.mm)

Pointed hairs total: 5 in 1 field of view
Yellow dots total: 8 in 1 field of view

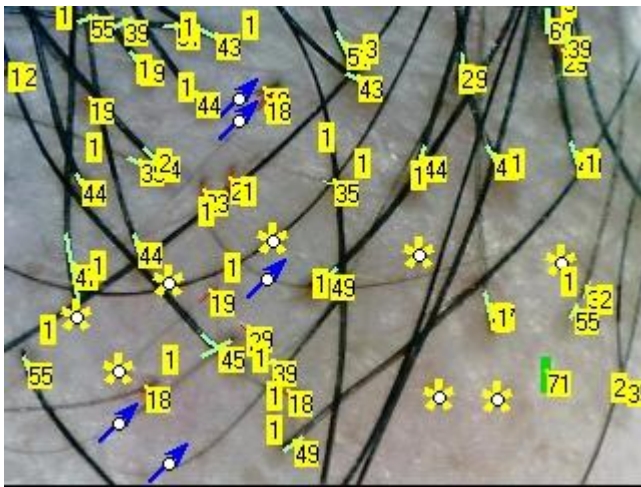**Hair diameter:**
Measured total: 42 hairs per 18.75 sq.mm
Mean diameter: All hairs 40 +/- 2.0 μm
Mean diameter: All Terminal hairs (>35 μm) 46 +/- 1.4 μm
Measured Terminal hairs (>35 μm): 74% (31 per 18.75 sq.mm)
Measured Vellus hairs (<35 μm): 26% (11 per 18.75 sq.mm)
Among Terminal hairs: Thin hairs (35-60 μm): 97%
Regular hairs (60-80 μm): 3%
Anisotrichosis: 40 +/- 12.8 μm

Hair diameters chart:
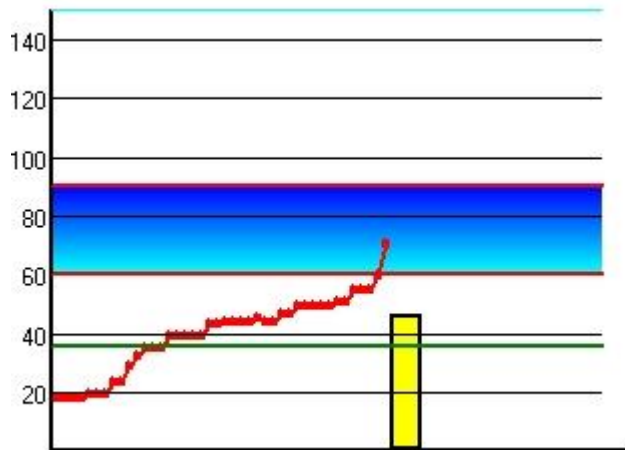
Mean diameter: All Terminal hairs (>35 µm)
46 +/- 1.4 µm

Measured hairs diameter

Normal mean diameter for this hair type

Measured total: 42 hairs per 18.75 sq.mm
Mean diameter: All hairs 40 +/- 2.0 µm
Measured Terminal hairs (>35 µm): 74% (31 per 18.75 sq.mm)
Measured Vellus hairs (<35 µm): 26% (11 per 18.75 sq.mm)

Among Terminal hairs:
Thin hairs (35-60 µm): 97%
Regular hairs (60-80 µm): 3%
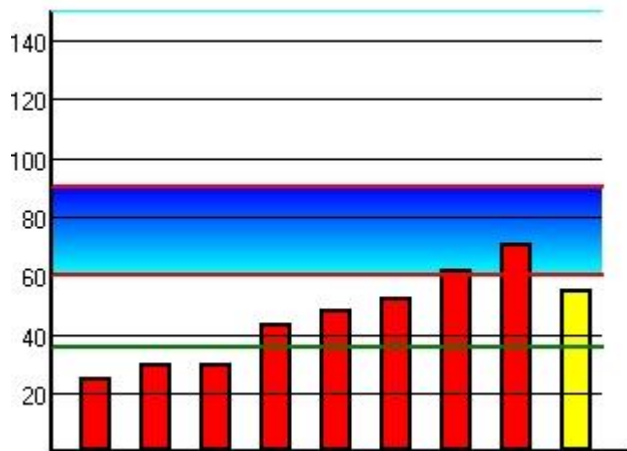Anisotrichosis: 40 +/- 12.8 µm

Hair diameter:
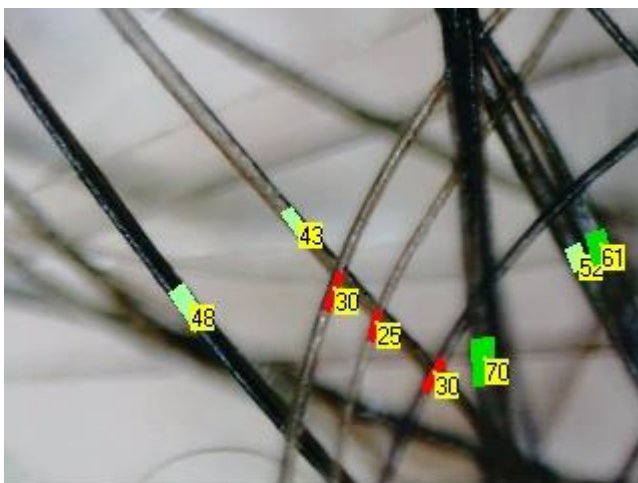

Parietal area

Occipital area

🟨 **Mean diameter: All Terminal hairs (>35 µm)** 55 +/- 5.5 µm	🟨 **Mean diameter: All Terminal hairs (>35 µm)** 61 +/- 2.4 µm
🟥 **Measured hairs diameter**	🟥 **Measured hairs diameter**
🟦 **Normal mean diameter for this hair type**	🟦 **Normal mean diameter for this hair type**

Measured total: 8 hairs per 2.34 sq.mm	Measured total: 18 hairs per 2.34 sq.mm
Mean diameter: All hairs 45 +/- 6.2 µm	Mean diameter: All hairs 56 +/- 3.9 µm
Measured Terminal hairs (>35 µm): 62% (5 per 2.34 sq.mm)	Measured Terminal hairs (>35 µm): 89% (16 per 2.34 sq.mm)
Measured Vellus hairs (<35 µm): 38% (3 per 2.34 sq.mm)	Measured Vellus hairs (<35 µm): 11% (2 per 2.34 sq.mm)
Among Terminal hairs:	**Among Terminal hairs:**
Thin hairs (35-60 µm): 60%	Thin hairs (35-60 µm): 38%
Regular hairs (60-80 µm): 40%	Regular hairs (60-80 µm): 62%
Anisotrichosis: 45 +/- 15.2 µm	Anisotrichosis: 56 +/- 15.6 µm

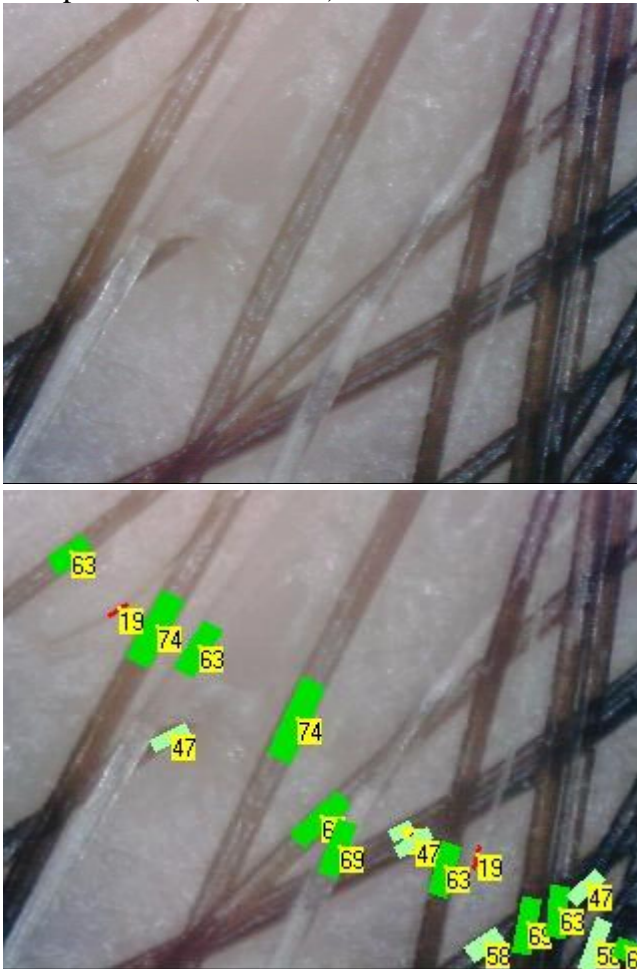Parietal area (window: 1):

- Hair diameter in parietal area (µm):
Measured total: 8 hairs per 2.34 sq.mm
Mean diameter: All hairs 45 +/- 6.2 μm
Mean diameter: All Terminal hairs (>35 µm) 55 +/- 5.5 µm
Measured Terminal hairs (>35 µm): 62% (5 per 2.34 sq.mm)
Measured Vellus hairs (<35 µm): 38% (3 per 2.34 sq.mm)
Among Terminal hairs: Thin hairs (35-60 µm): 60%

Regular hairs (60-80 µm): 40%
Anisotrichosis: 45 +/- 15.2 µm

Occipital area (window 1):

- Hair diameter in occipital area(µm):
Measured total: 18 hairs per 2.34 sq.mm
Mean diameter: All hairs 56 +/- 3.9 µm
Mean diameter: All Terminal hairs (>35 µm) 61 +/- 2.4 µm
Measured Terminal hairs (>35 µm): 89% (16 per 2.34 sq.mm)
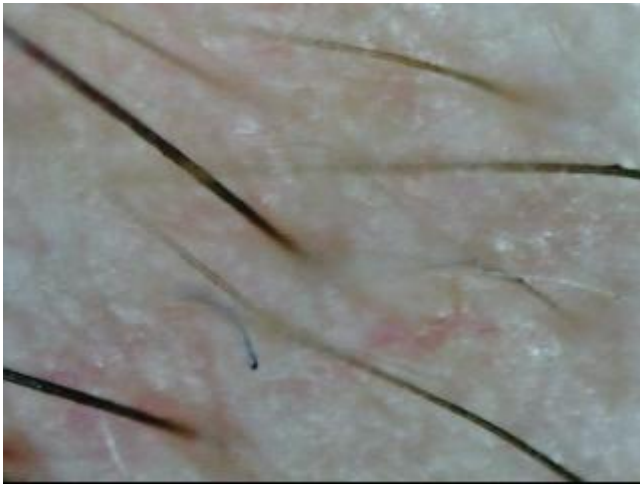Measured Vellus hairs (<35 µm): 11% (2 per 2.34 sq.mm)
Among Terminal hairs: Thin hairs (35-60 µm): 38%
Regular hairs (60-80 µm): 62%
Anisotrichosis: 56 +/- 15.6 µm

- Scalp study (high magnification) has detected:

Sensitive Scalp

- Hair root study has detected:

Anagen Hair

- Hair shaft study has detected:

Monilethrix

Phototrichogram: 2/21/2013 4:24:50 PM

Parietal area
Phototrichogram:
Total Anagen hairs: 68% (26 per 27.00 sq.mm)
Total Telogen hairs: 32% (12 per 27.00 sq.mm)
Terminal among Anagen: 65%
Terminal among Telogen: 50%
Vellus among Anagen: 35%
Vellus among Telogen: 50%
Mean diameter of Terminal among Anagen: 58μm
Mean diameter of Terminal among Telogen: 50μm
Mean diameter of Vellus among Anagen: 34μm
Mean diameter of Vellus among Telogen: 29μm
Hair growth rate:
First length value: 136
Second length value: 836
Time period between measurements: 48 hour
Hair growth rate: 350μm (0.35mm) per 24 hours

Phototrichogram chart:

■ Total Anagen hairs: 68% (26 per 27.00 sq.mm)
■ Total Telogen hairs: 32% (12 per 27.00 sq.mm)
■ Terminal among Anagen: 65%
■ Terminal among Telogen: 50%
■ Vellus among Anagen: 35%
■ Vellus among Telogen: 50%

Mean diameter of Terminal among Anagen: 58μm
Mean diameter of Terminal among Telogen: 50μm
Mean diameter of Vellus among Anagen: 34μm
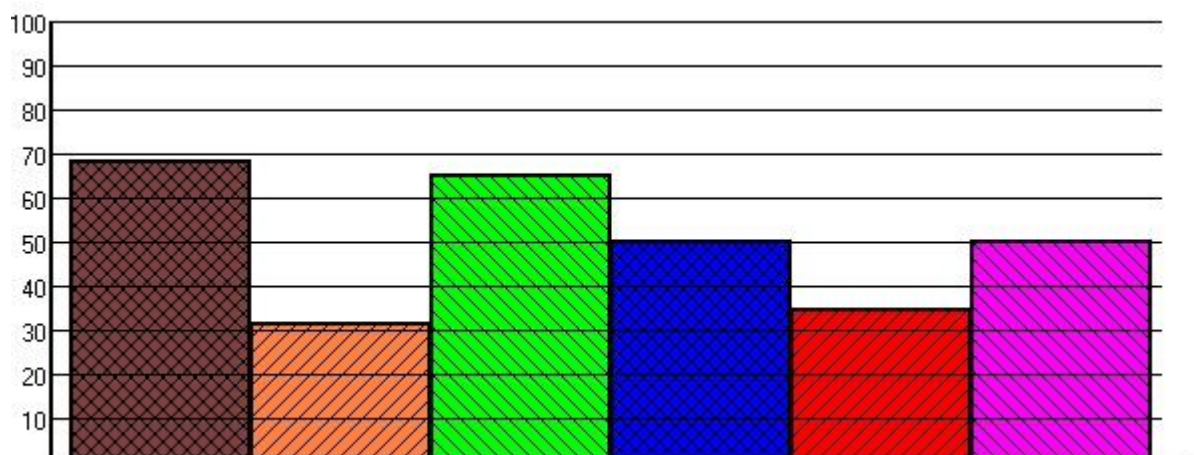Mean diameter of Vellus among Telogen: 29μm
Hair growth rate: 350μm (0.35mm) per 24 hours

Density/cm2:
Total: 159 (100%)
Terminal: 104 (65%)
Vellus: 56 (35%)
Total calculated/27 sq.mm
Total: 43 (100%)
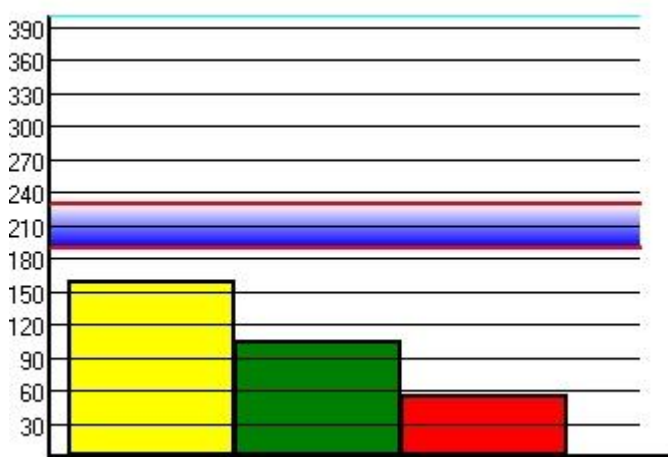Terminal: 28 (65%)
Vellus: 15 (35%)
Total follicular units: 28
Follicular units per sq.cm: 103.7
Single follicular units: 57.1% (16 per 27.00 sq.mm)
Double follicular units: 42.9% (12 per 27.00 sq.mm)

Hair density chart:

Follicular units per sq.cm: 103.7
Single follicular units: 57.1% (16 per 27.00 sq.mm)
Double follicular units: 42.9% (12 per 27.00 sq.mm)

Hair diameter:
Measured total: 43 hairs per 27.00 sq.mm
Mean diameter: All hairs 48 +/- 2.4 µm
Mean diameter: All Terminal hairs (>40 µm) 56 +/- 2.2 µm
Measured Terminal hairs (>40 µm): 65% (28 per 27.00 sq.mm)
Measured Vellus hairs (<40 µm): 35% (15 per 27.00 sq.mm)
Among Terminal hairs: Thin hairs (40-60 µm): 64%

Regular hairs (60-80 μm): 36%
Anisotrichosis: 48 +/- 15.1 μm

Hair diameters chart:

Mean diameter: All Terminal hairs (>40 μm) 56 +/- 2.2 μm

Measured hairs diameter

Normal mean diameter for this hair type

Measured total: 43 hairs per 27.00 sq.mm
Mean diameter: All hairs 48 +/- 2.4 μm
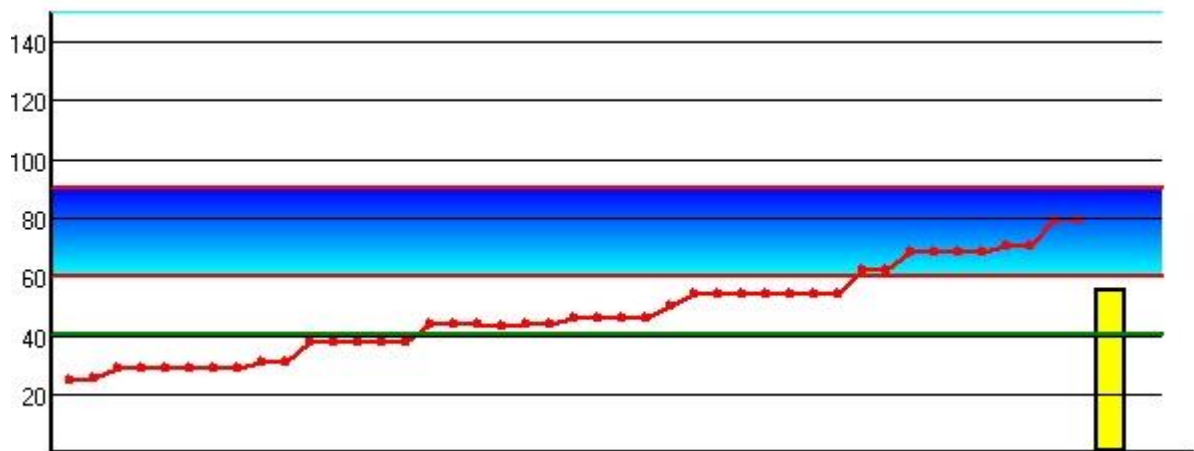Measured Terminal hairs (>40 μm): 65% (28 per 27.00 sq.mm)
Measured Vellus hairs (<40 μm): 35% (15 per 27.00 sq.mm)

Among Terminal hairs:
Thin hairs (40-60 μm): 64%
Regular hairs (60-80 μm): 36%
Anisotrichosis: 48 +/- 15.1 μm

Field of view - 1

Occipital area
Phototrichogram:
Total Anagen hairs: 88% (45 per 27.00 sq.mm)
Total Telogen hairs: 12% (6 per 27.00 sq.mm)
Terminal among Anagen: 80%
Terminal among Telogen: 67%
Vellus among Anagen: 20%
Vellus among Telogen: 33%
Mean diameter of Terminal among Anagen: 68μm
Mean diameter of Terminal among Telogen: 60μm
Mean diameter of Vellus among Anagen: 38μm
Mean diameter of Vellus among Telogen: 38μm
Hair growth rate:
First length value: 183
Second length value: 771
Time period between measurements: 48 hour
Hair growth rate: 294μm (0.29mm) per 24 hours

Phototrichogram chart:

Total Anagen hairs: 82% (45 per 27.00 sq.mm)

Total Telogen hairs: 11% (6 per 27.00 sq.mm)

Terminal among Anagen: 80%

Terminal among Telogen: 67%

Vellus among Anagen: 20%

Vellus among Telogen: 33%

Mean diameter of Terminal among Anagen: 68µm
Mean diameter of Terminal among Telogen: 60µm
Mean diameter of Vellus among Anagen: 38µm
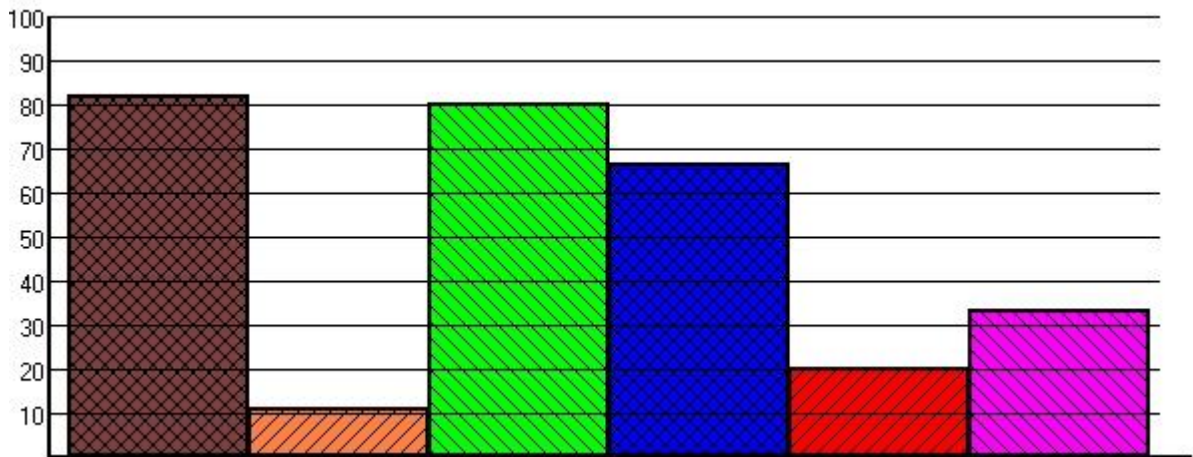Mean diameter of Vellus among Telogen: 38µm
Hair growth rate: 294µm (0.29mm) per 24 hours

Density/cm2:
Total: 233 (100%)
Terminal: 178 (76%)
Vellus: 56 (24%)
Total calculated/27 sq.mm
Total: 63 (100%)
Terminal: 48 (76%)
Vellus: 15 (24%)
Total follicular units: 43
Follicular units per sq.cm: 159.3
Single follicular units: 72.1% (31 per 27.00 sq.mm)
Double follicular units: 23.3% (10 per 27.00 sq.mm)
Triple follicular units: 4.7% (2 per 27.00 sq.mm)
Total perifollicular signs 1
Yellow dots total: 1 in 1 field of view

Hair density chart:
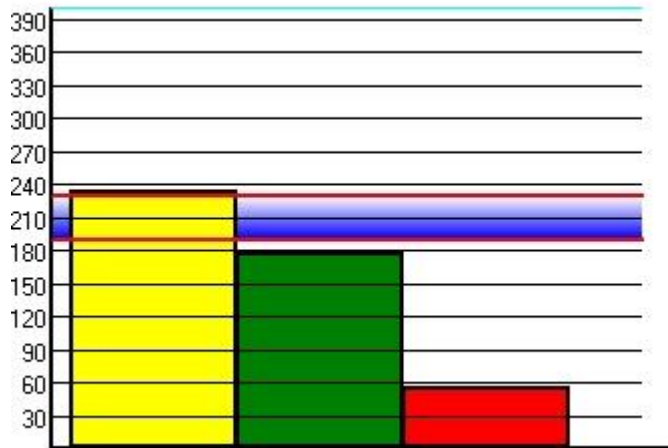
Total hairs: 233 per sq.cm.

Terminal hairs: 76% (178 per sq.cm.)

Vellus hairs: 24% (56 per sq.cm.)

Normal mean density for this hair type

Follicular units per sq.cm: 159.3
Single follicular units: 72.1% (31 per 27.00 sq.mm)
Double follicular units: 23.3% (10 per 27.00 sq.mm)
Triple follicular units: 4.7% (2 per 27.00 sq.mm)

Yellow dots total: 1 in 1 field of view

Hair diameter:
Measured total: 62 hairs per 27.00 sq.mm
Mean diameter: All hairs 61 +/- 2.2 µm
Mean diameter: All Terminal hairs (>40 µm) 68 +/- 1.3 µm
Measured Terminal hairs (>40 µm): 77% (48 per 27.00 sq.mm)
Measured Vellus hairs (<40 µm): 23% (14 per 27.00 sq.mm)
Among Terminal hairs: Thin hairs (40-60 µm): 12%
Regular hairs (60-80 µm): 81%
Thick hairs (>80 µm): 6%
Anisotrichosis: 60 +/- 16.9 µm

Hair diameters chart:
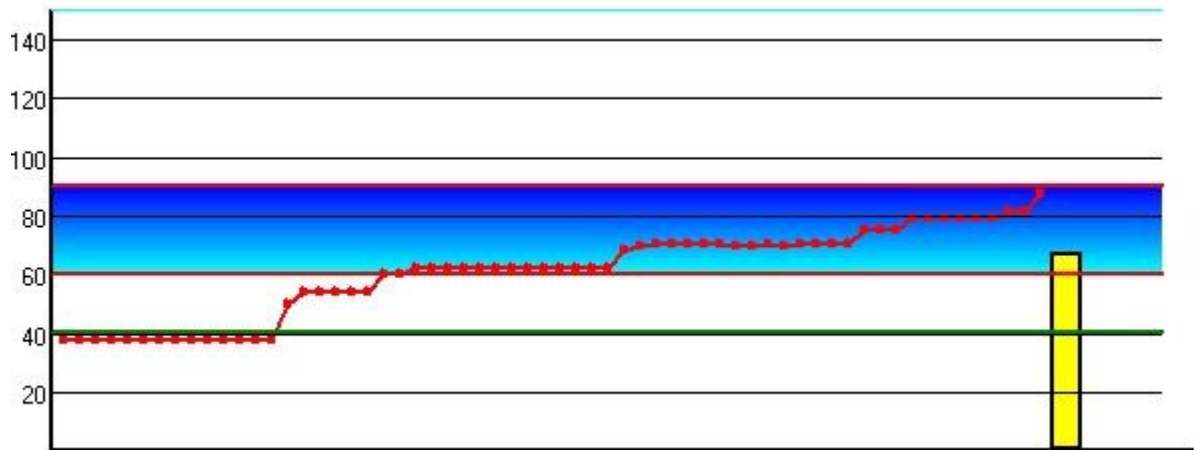
Mean diameter: All Terminal hairs (>40 μm) 68 +/- 1.3 μm

Measured hairs diameter

Normal mean diameter for this hair type

Measured total: 62 hairs per 27.00 sq.mm
Mean diameter: All hairs 61 +/- 2.2 μm
Measured Terminal hairs (>40 μm): 77% (48 per 27.00 sq.mm)
Measured Vellus hairs (<40 μm): 23% (14 per 27.00 sq.mm)

Among Terminal hairs:
Thin hairs (40-60 μm): 12%
Regular hairs (60-80 μm): 81%
Thick hairs (>80 μm): 6%
Anisotrichosis: 60 +/- 16.9 μm

Field of view - 1

Trichogram: 2/19/2013 6:44:16 PM

Parietal area (window: 1):

Occipital area (window 1):
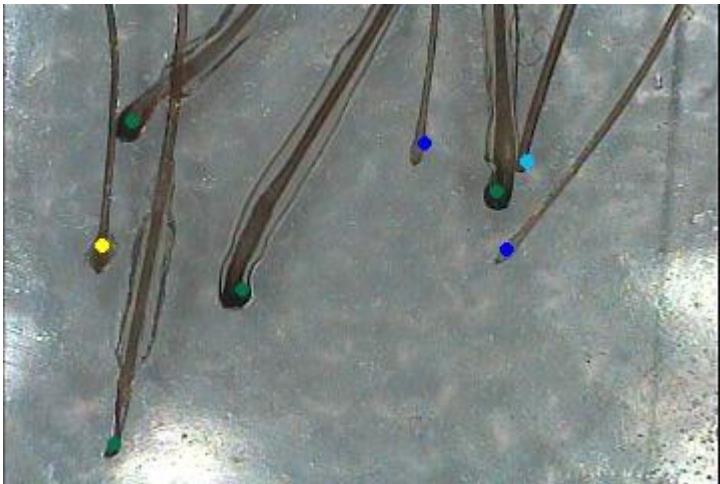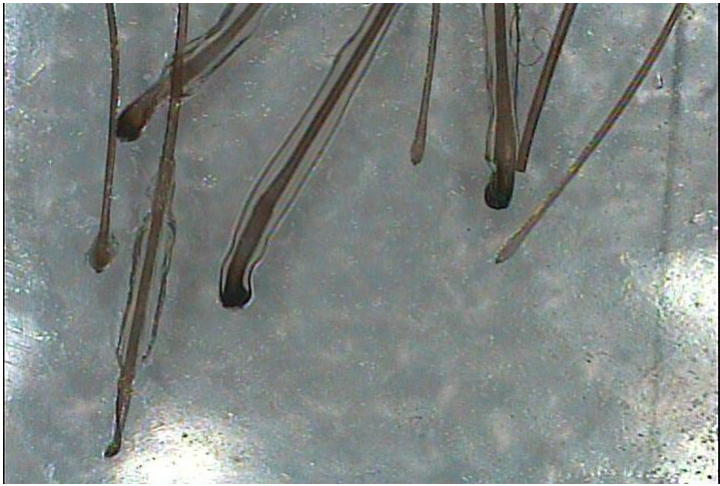
Epilated hair type	Parietal area			Occipital area		
	Absolute amount	%	Norm	Absolute amount	%	Norm
Anagen	4	40	Total	4	50	Total
			To			To

Dysplastic Anagen	2	20	Anagen 60	95%	0	0	Anagen 63	95%
Broken Anagen	0	0			1	13		
Anagen with papilla	0	0	0%		0	0	0%	
Telogen	4	40	To 18%		2	25	To 18%	
Catagen	0	0	To 3%		1	13	To 3%	
Dystrophic	0	0	To 4%		0	0	To 4%	
Sum	10				8			

Dermatoscopy: 2/19/2013 4:41:58 PM

- General Dermatoscopy study identified specialty signs as follows:

Prurigo nodularis

- Pigmented lesions study identified specialty signs as follows:

Lentigo Simolex

ABCD algorithm of melanoma and other tumors evaluation
GDI (General Dermatoscopic Index)

Criteria features	Score	Coefficient	Enter points	Results
Asymmetry In perpendicular axes: contour, colours and structures	0-2	1.3	1	1.3
Borders 8 segments: abrupt ending of pigment pattern	0-8	0.1	1	0.1
Colours White, red, light-brown (tan), dark-brown, blue-grey, black	1-6	0.5	2	1
Differential structural components or Dermoscopic structures (pigment network, structureless areas, dots, aggregated globules,branched streaks)	1-5	0.5	1	0.5
Total score	Benign			2.9

ABC algorithm of melanoma and other tumors evaluation
(A - asymmetry, B - clarity of boundaries, C - color)

Diagnostic criteria	Criteria features	Evaluation	Mark if applicable
Asymmetry on one axis	Boundaries of lesion	1	*
Asymmetry on one axis	Disposition of dermatoscopic elements	1	
Boundaries	Sharp separation of pigment grid over 1/4 of	1	

	lesion perimeter		
Color	White Red Beige Dark-brown Blue-black Black	1	*
Dermatoscopic elements in lesion	Three and more Pigment grid Homogeneous zones (over 10% of lesion area) Stripes (more than two) Granules (more than two) Black-brown dots (more than two)	1	
Evolution of tumors	Lesion changes within 3 month	+1	
	No data about changes	0	
	No changes within 3 month	-1	*
Results			1

Algorithm for melanoma and other tumor estimation by Argeniziano

Criteria	Features	Points	Mark if applicable
Evolution of tumors			
Atypical pigment grid	By color, wall thickness and cell size	2	
A shroud or blue-white veil	Distinguish from dermatoscopic sings of pigment regression in skin lesion.Morphological substrate of a shroud or blue-white veil is represented by foci of acanthosis and hypergranulosis over the clusters of melanocytes in dermis.	2	
Atypical vessels	Atypical convoluted linear and dotted vessels	2	
Small criteria			
Atypical stripes	By color, shape and location	1	
Dots/granules,	By color and size	1	*

unevenly distributed			
Blots (ink stains)	Assymetric and atypical by color	1	
Dermatoscopic signs of pigment regression in skin lesion	Scar-like patches of depigmentation and dots, often described as "pepper-like" in pattern	1	
Results			1

Trichometry (hair wash test) \ Patient: Bob Johnson:

Patient current hair length (cm): 10

Hair length	Hair quantity	Percentage of hair
Under 3 cm:	5	38
3-5 cm:	3	23
Over 5 cm:	5	38
Total hair shedded:	13	100

Trichometry (growing hair test) \ Patient: Bob Johnson:

Date of hair sampling : 21.02.2013

Hair length	Total amount	Intensity of monthly hair loss
Over 5 cm.long hair	42	
4-5 cm.	8	September - October - 8971

3-4 cm.	6	October - November - 6728
2-3 cm.	5	November - December - 5607
1-2 cm.	7	December - January - 7850
Total	68	Total: 29156

Hair Calculator \ Patient: Bob Johnson:

Total mean quantity of scalp hairs(racial norms): 100,000 (70,000-130,000)

Total actual quantity of scalp hairs: 76258 +/-7600

Total actual quantity of Terminal hairs: 54580 +/-5500

Total actual quantity of Vellus hairs: 21677 +/-2200

Mean hair growth rate, mm/24hrs.(racial norms): 0.3-0.4

Actual hair growth rate in Parietal area, mm/24hrs.: 0.35

Actual hair growth rate in Occipital area, mm/24hrs.: 0.29

Total mean daily rate of hair loss: 114

Total actual quantity of hair shed per 24hrs: 150

Total actual quantity of Terminal hair shed per 24hrs: 80

Total actual quantity of Vellus hairs shed per 24hrs: 70

Hospital Anxiety and Depression Scale:

1. I feel tense or 'wound up':	A lot of the time
2. I still enjoy the things I used to enjoy:	Definitely as much
3. I get a sort of frightened feeling as if something awful is about to happen:	Very definitely and quite badly

4. I can laugh and see the funny side of things: Not quite so much now

5. Worrying thoughts go through my mind: A great deal of the time

6. I feel cheerful: Not at all

7. I can sit at ease and feel relaxed: Nearly all the time

8. I feel as if I am slowed down: Very often

9. I get a sort of frightened feeling like 'butterflies' in the stomach: Occasionally

10. I have lost interest in my appearance: I don't take as much care as I should

11. I feel restless as I have to be on the move: Quite a lot

12. I look forward with enjoyment to things: As much as I ever did

13. I get sudden feelings of panic: Very often indeed

14. I can enjoy a good book or radio or TV program: Not often

Conclusion:
Subclinical depression. Clinical anxiety.

Additional Studies: 2/19/2013 6:46:25 PM

Image Nr. 1 taken 2/19/2013 6:45 PM

Image Nr. 2 taken 6/20/2013 6:00 PM
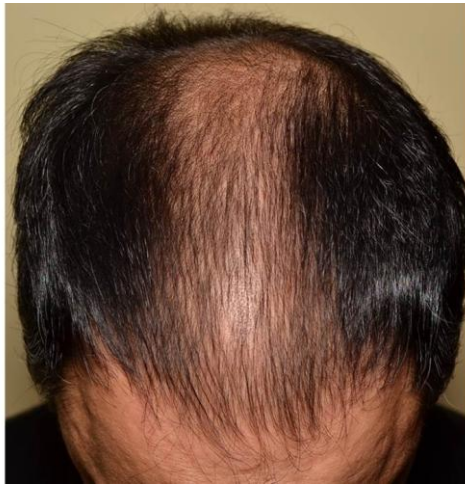
Conclusions and Recommendations: 19.02.2013 18:47:06

-Diagnosis:

-Type VI Androgenetic hair loss (Norwood-Hamilton classification), Monilethrix.:

-List of diagnoses:

Alopecia Androgenetica (Male Pattern Hair Loss)

Type VI (Norwood-Hamilton classification)

Hair shaft defects with increased fragility

-Monilethrix

-Conclusions and Recommendations:

Hair growth assessment

Trichoscopy

Dermatoscopy

Classic Trichogram

Phototrichogram

Hair wash test

Growing hair test

Global Photographs

Iron status blood tests

Complete Blood Count (CBC)

Serum Ferritin

Serum Iron

Prostate-specific antigen

Prostate-specific antigen (PSA)

Hormone tests

Thyroid stimulating hormone (TSH)

Other testing

Hospital Anxiety and Depression Scale

-Topical treatment:

Minoxidil

5% minoxidil solution twice daily

Topical antiseborrheic therapy

Ketoconazole shampoo

Topical Betamethasone Valerate foam

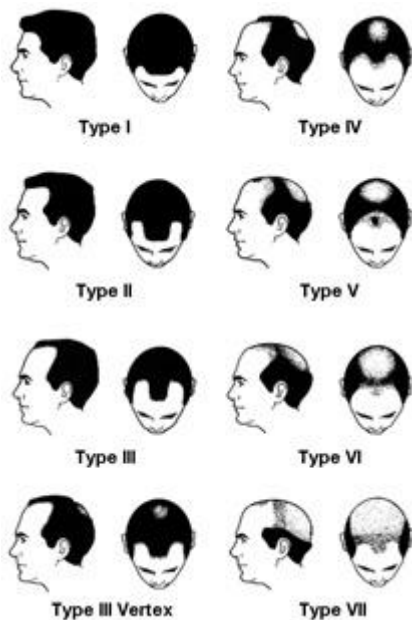**-Oral therapy:**

Systemic agents

Finasteride 1 mg /day

-Physiotherapy:

Low-level laser light therapy (Hair Max Laser Comb)

-Reference materials:

Hamilton-Norwood Scale, type

Criteria for differential diagnosis of androgenetic alopecia and diffuse telogen hair loss in men

Criteria	Androgenetic alopecia	Telogen Diffuse Alopecia
Clinical history		

Hair and scalp condition:		
Intensity of hair loss:	Moderate or slightly-expressed	
Duration of hairloss:	Over 6 months	
Hair thinning:	Yes	
Male Pattern Baldness:		
Hamilton-Norwood Scale, type:	IV	
Heredity factor in first degree relatives:	Yes	
Scalp condition:	Greasy	
Data of Trichologic objective study		
Trichoscopy Terminal hair count in parietal area	Less than 250 for sq.cm.	Over 250 for sq.cm.
Trichoscopy Average Terminal hair diameter without Vellus hair accounted	In parietal area is less than in occipital	In parietal area is more than in occipital
Trichoscopy Percent of Vellus hair in parietal area	More than 20%	Less than 20%
Trichoscopy Anisotrichosis in parietal area	Over 12 for parietal area	Less than 12 for parietal area
Trichoscopy Presence of thin, medium and thick hair in parietal area	Presence of all types	Presence of 2 types out of 3
Trichoscopy Yellow dots Pointed hairs (in parietal area)	Yellow dots applicable Presence of all types	No yellow dots. Pointed hairs possible
Phototrichogram: Percent of Telogen hair in parietal and occipital areas	Over 15% of Telogen hair.More in parietal area vs occipital	Over 15% of Telogen hair. More (or equal) in occipital area
Phototrichogram: Proportion of Vellus among Telogen hair	>30%	<30%

in parietal area		
Presence of anxiety or depression		Yes
Health conditions:		
Condition of nervous system:		Anxiety
Routine care and treatment efficacy:		
Dandruff:	Some	
Seborrheic dermatitis:	Areas of redness	
Body Mass Index (BMI)	Within 18.5 – 24.9	Less than 18.5
Conclusion	Androgenetic alopecia (34 Points)	Telogen Diffuse Alopecia (8 Points)
	- Monilethrix - Sensitive Scalp - Dysplasia of hair roots - Lentigo Simolex - Prurigo nodularis - Subclinical depression. Clinical anxiety.	