Testosterone at Initiation of Complete Androgen Blockade (CAB)

The “Lupron Flare”

“Testosterone Normal Range” 241 – 827 ng/dL

Goal = < 30

April 09

TOPICS

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Testosterone at Initiation of Complete Androgen Blockade (CAB)

Initial Estradiol Patch = 0.025 Daily

Hot Flashes Started

Increased Estradiol from 0.025 to 0.1 mg Daily

Increased To 0.2 mg Daily

Almost No Hot Flashes!

Increased Estradiol to 0.4 mg Daily for 8 Days

Increased Estradiol to 0.4 mg Daily for Protocol Duration

Goal = < 30
DHT at Initiation of Complete Androgen Blockade (CAB)

Goal = “Below Assay Threshold” < 2.0
Goal = “Below Assay Threshold” < 2.0

DHT at Initiation of Complete Androgen Blockade (CAB) - From 2nd Month

CPT 82651
LabCorp 500142
"Dihydrotestosterone (DHT)"

5/14/07 6/14/07 7/14/07 8/14/07 9/14/07 10/14/07 11/14/07 12/14/07 1/14/08 2/14/08 3/14/08 4/14/08
Initial Estradiol Patch = 0.025 Daily

- Increased to 0.2 mg Daily

"Unmanageable" Hot Flashes → "Manageable" Hot Flashes

Increased Estradiol from 0.025 to 0.1 mg Daily

Increased to 0.2 mg Daily for 8 Days

Increased Estradiol to 0.4 mg Daily for Protocol Duration

Almost No Hot Flashes!

Increased Estradiol to 0.4 mg Daily

CPT 84403
LabCorp 004226
"Testosterone, Total, Serum"

CPT 82651
LabCorp 500142
"Dihydrotestosterone (DHT)"
High

GOAL
80 – 100

Low

“Normal Range”
32 – 100

“Therapeutic Threshold”

11 dose changes in 12 months based on monthly tests

Started
10,000 IU
Daily

CPT 82306
LabCorp 081950
"Vitamin D, 25-Hydroxy"

Topic 002.6b - Vitamin D, 25-Hydroxy Testing Example – 12.5 Months of Testing

Vitamin D, 25-Hydroxy during Complete Androgen Blockade (CAB)

With Revised Goal 70 – 80 Entering “Maintenance Off-Cycle”

GOAL: 70 – 80

“Normal Range” 32 – 100

“Therapeutic Threshold”

11 dose changes in 12 months based on monthly tests

Cut back to 5,000 IU

Restarted 5,000 IU

Started 8,000 IU

Restarted 7,000 IU

Started 7,000 IU

Restarted 6,000 IU

Started 4,000 IU

Started 3,000 IU

“Holiday” 0 IU

“Holiday” 0 IU

CPT 82306
LabCorp 081950
"Vitamin D, 25-Hydroxy"