

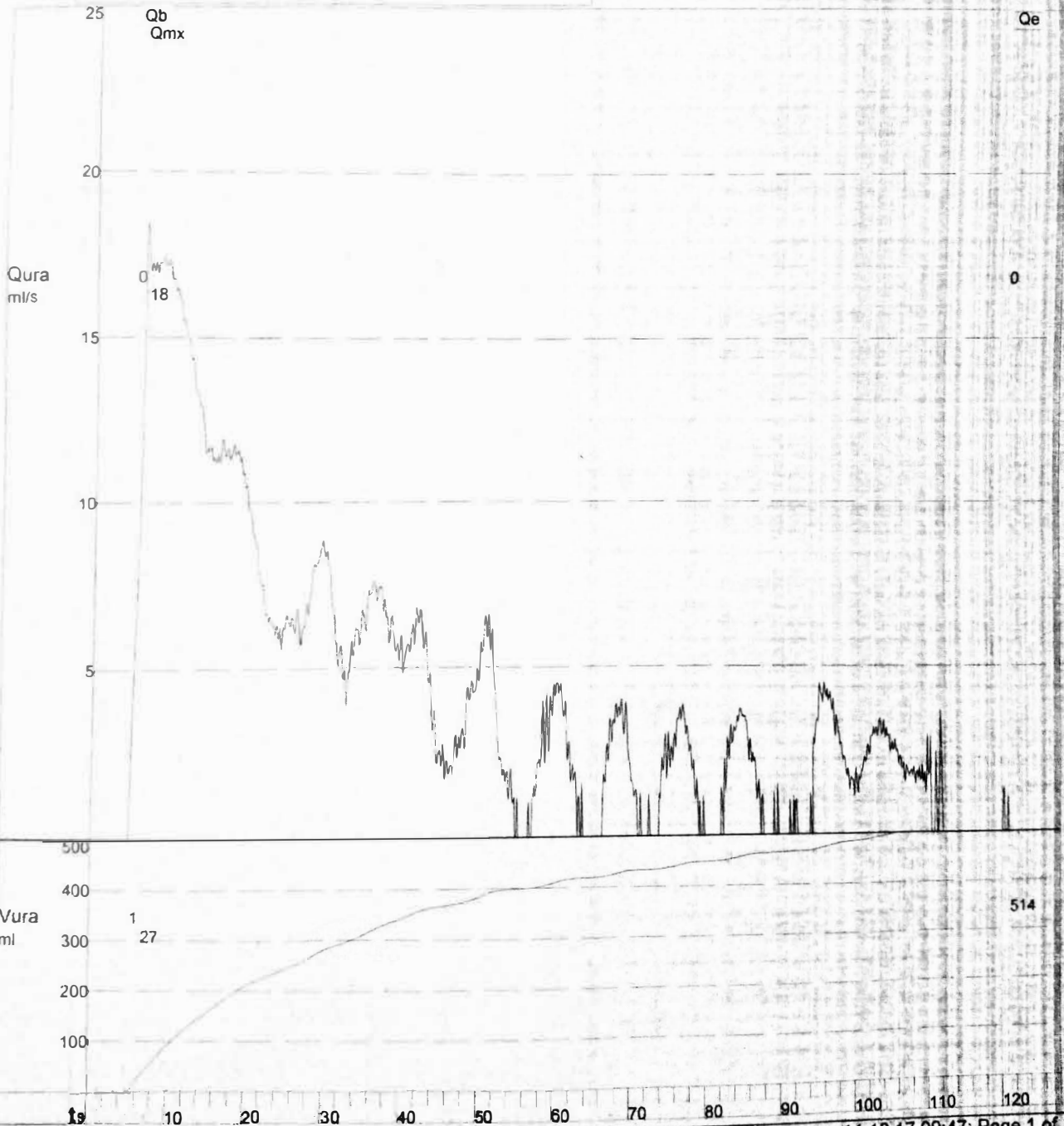


**Patient data**

Date: 11.10.17 09:47  
 Sur name:  
 First name:  
 Birthday:  
 Id:  
 Street:  
 ZIP/Place:  
 Sex:  female  male  
 Doctor:  
 Diagnosis:  
 Height: cm  
 Weight: kg  
 Comment:

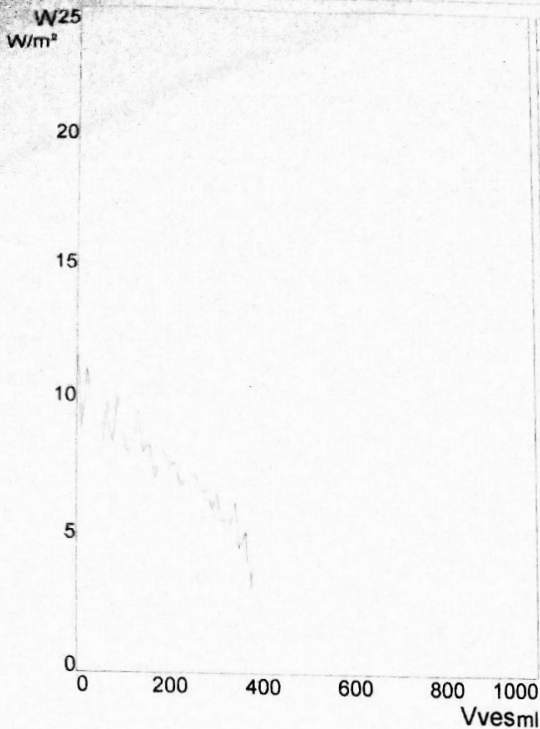
**Flowmetry evaluation**

Max. flow rate = 18.4 ml/s  
 Average flow rate = 5.5 ml/s  
 Voided volume = 513 ml  
 Flow time = 93.5 s  
 Voiding time = 116.0 s  
 Time to max. flow = 1.5 s  
 Acceleration = 12.3 ml/s\*s  
 Hesitancy = 5.0 s





**Pressure/Flow evaluation**

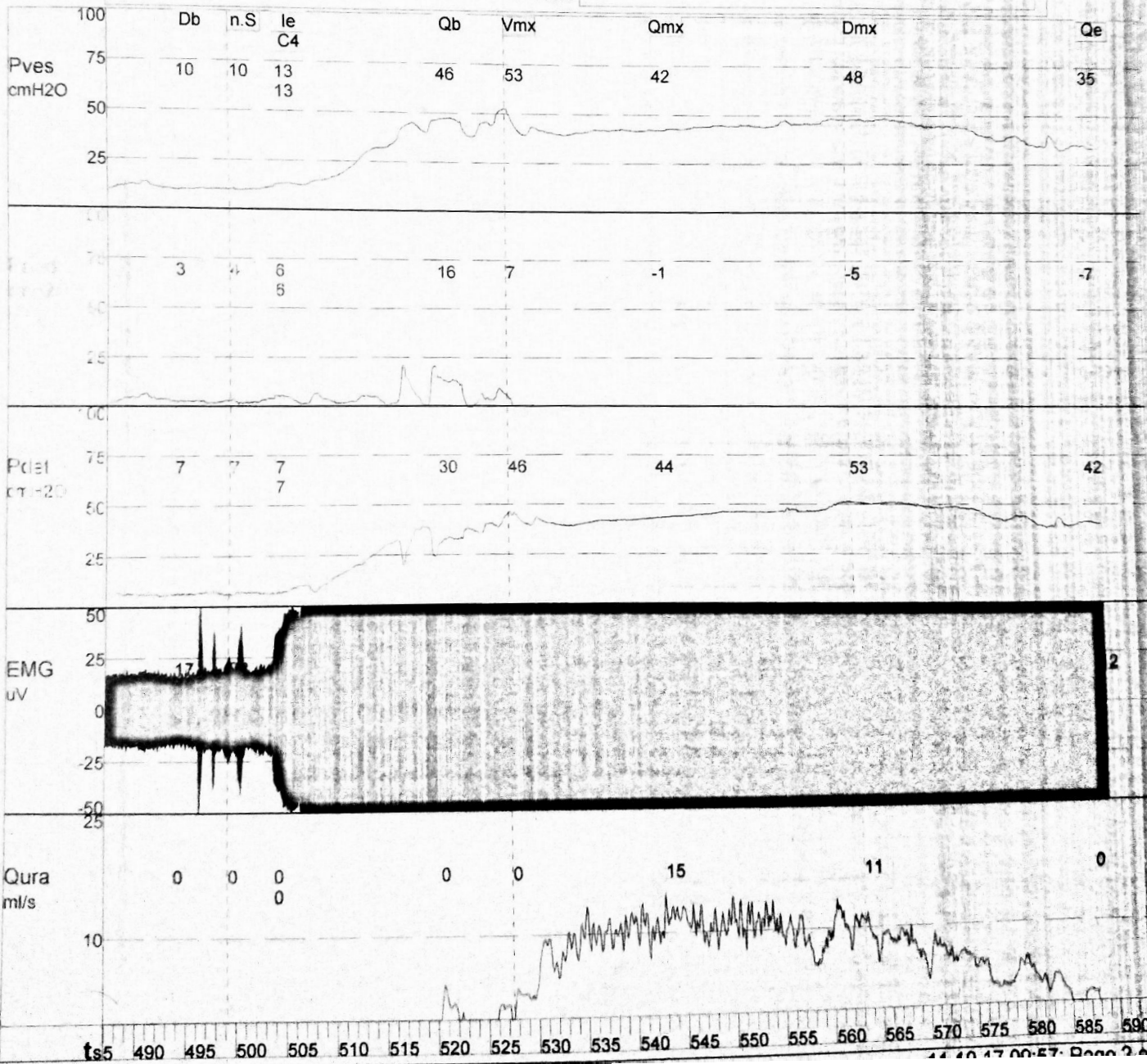


Pressure		Flow	
Pdet [cmH2O]		Qmax =	14.8 ml/s
P(uo) =	24.8	Qave =	7.8 ml/s
P(Qmax) =	43.7	Volume =	484 ml
Pmax =	52.7	t(Q > 0) =	62 s
P(ef) =	42.1	t =	68 s
Pmuo =	24.8	t(Qmax) =	22.6 s
		Accel. =	0.7 ml/s²
		t(uo) =	26.5 s

**ICS-Nomo**  
 AG-Number = 14.0 cmH2O  
 URA = 17.7 cmH2O  
 Wmax = 14.9 W/m²  
 W(Qmax) = --- W/m²

Result = Not obstructed

**General values**  
 Calc. residual vol. = -104 ml





**Patient data**

Date: 11.10.17 09:57  
 Sur name:  
 First name:  
 Birthday:  
 Id:  
 Street:  
 ZIP/Place:  
 Sex:  female  male  
 Doctor:  
 Diagnosis:  
 Height: cm  
 Weight: kg  
 Comment:

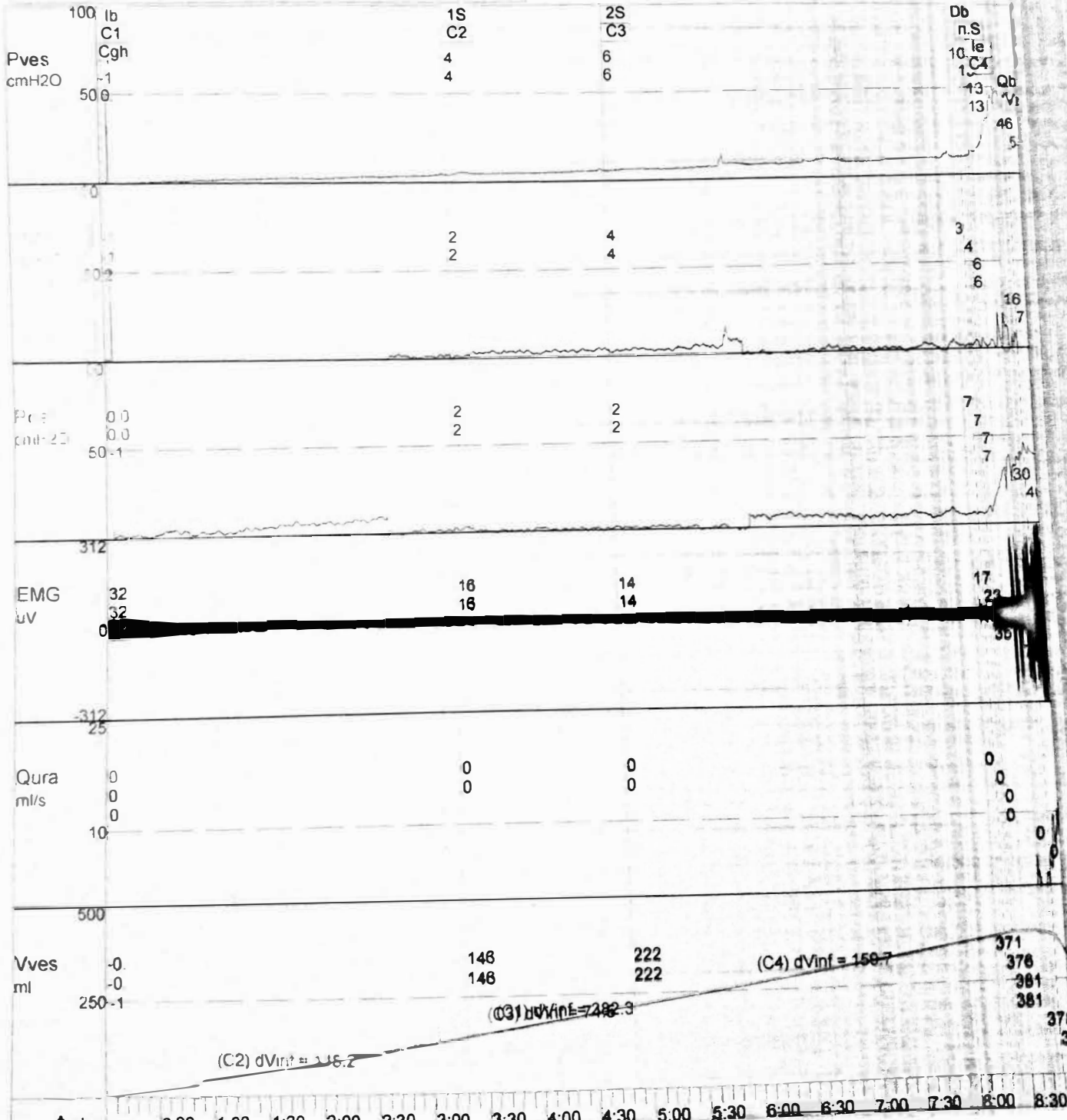
**Cystometry evaluation**

	Vves ml	Pves cmH2O	Pdet cmH2O
Infusion begin	0	-1	0.0
1. Sensation	146	4	2
2. Sensation	222	6	2
3. Sensation	376	10	7
Infusion end	381	13	7

No detrusor instabilities marked.

Compliance (linear regression)	ml/cmH2O
Infusion begin - Infusion end	118
Infusion begin - 1. Sensation	57
1. Sensation - 2. Sensation	Very good
2. Sensation - Infusion end	23

Total infused volume	381 ml
Average filling speed	45 ml/min
Leakage	0 ml
Residual	-- ml



D.O.B

29 Date of admission: 1396/7/19

Dear Dr

Regarding your order for urodynamic study:

The cooperation of the patient was good  acceptable

The residue was measured by catheter after voiding 150

### Uroflowmetry

was performed in sitting  standing  position.

The patient was unable to void

The pattern of voiding was

Normal  interrupted  fast  slow

Voided volume 513 ML

Average flow rate 5/5 ML/S

Max flow rate 18/4 ML/S

### Cystometry

Was performed after adjusting of intravesical and intrarectal catheters with filling rate of about .45

The first sensation was: 146

The other sensations 2<sup>nd</sup> 222 & 3<sup>rd</sup> were: 376

Interavesical capacity was 381 compliance 114

Max intravesical pressure was: 13

Uninhibited contractions: Yes  No

Leakage during filling: Yes  → DLpp was abou.....cmH<sub>2</sub>O NO

### EMG:



obstructed O Non obstructed ✓ unable to void with the catheter O Equivocal O

ough test:

Positive O → in lying position O sitting position O Standing position O

.. Negative O

ALPP:

<60 cm h<sub>2</sub>O O

60-90cm h<sub>2</sub>O O

>90 cm h<sub>2</sub>O O

U PP

Normal ✓

Low O

High O

هیرا

نور ملد سکی (کلی) تری intermittent سیکل و بیار  
 حسرت ۱۵۰ از پوریت حد اکثر مندرت و استیج ۱۵ بیاید  
 ریف ۲۱۵۰ حسرت استیج، بیست بر سال است و در صورت  
 H<sub>2</sub>O ۱۱۰  
 ر ۲۴۵ قدرت استیجی در صورت سیکل و انداز ریف  
 در صورت سیکل و انداز ریف  
 در صورت سیکل و انداز ریف

دکتر محمد رضا تهرانی  
 متخصص اورولوژی و کلیه و انکسار و اورولوژی  
 کلوشیب لسوق نخدین و انکسار و اورولوژی  
 استادیار نظام وکلیه دانشگاه

دکتر محمد رضا تهرانی