

Firenze, 1 aprile 2022



GreenLEP

La tecnica spiegata step by step,
vantaggi della metodica,
learning curve e proctoring

Dr. Francesco Varvello

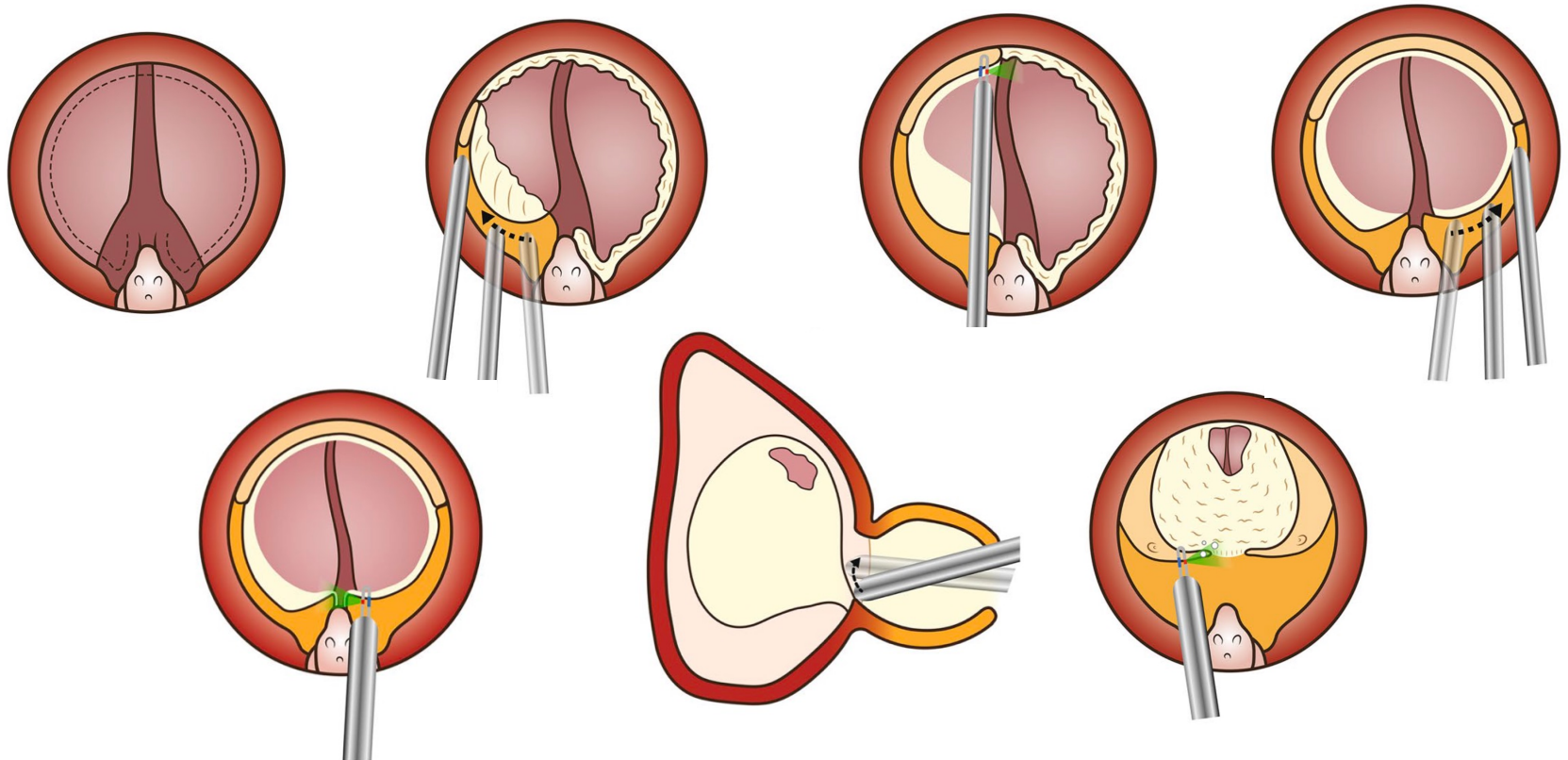


Ospedale Michele e Pietro Ferrero
Verduno (CN)



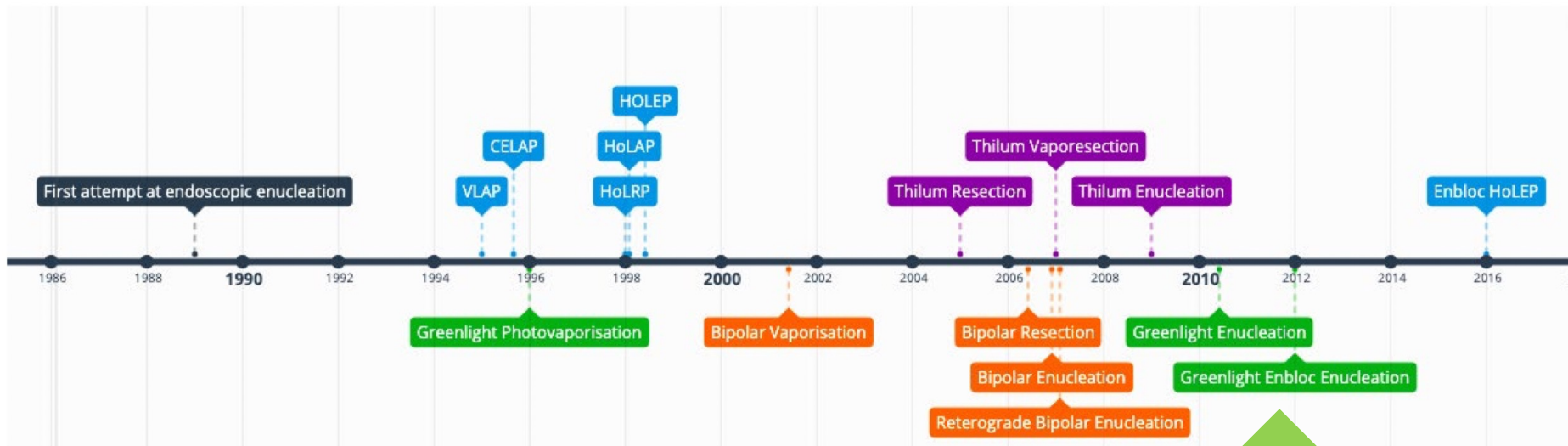
Common trend: move to enucleation—Is there a case for GreenLight enucleation? Development and description of the technique

Fernando Gomez Sancha · Vanesa Cuadros Rivera ·
Georgi Georgiev · Alexander Botsevski · Julian Kotsev ·
Thomas Herrmann



The Evolution of *Endoscopic Prostate Enucleation*: A historical perspective

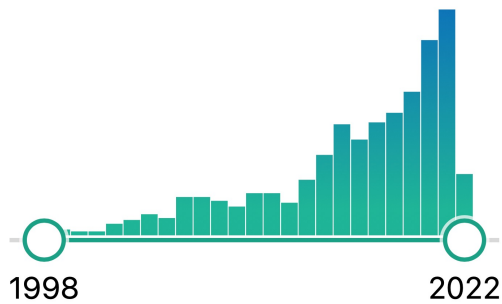
Sumeet K. Reddy¹  | Victoria Utley¹ | Peter J. Gilling^{1,2}





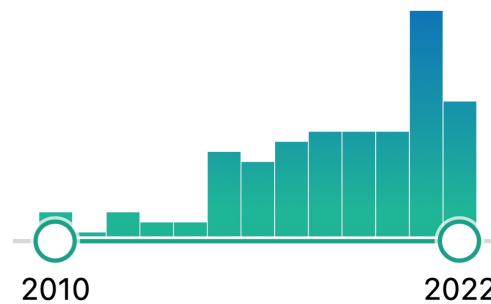
PUBBLICAZIONI

HoLEP



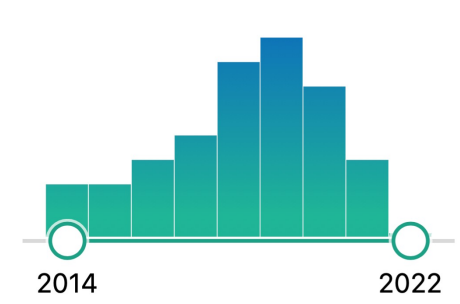
652

ThuLEP



83

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28

**EAU Guidelines on
Management of
Non-Neurogenic
Male Lower Urinary
Tract Symptoms
(LUTS), incl.
Benign Prostatic
Obstruction (BPO)**

S. Gravas (Chair), J.N. Cornu, M. Gacci, C. Gratzke,
T.R.W. Herrmann, C. Mamoulakis,
M.J. Speakman,
Guidelines Associates: M. Karavitis,

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2021

Prima citazione sulle linee guida

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Guidelines Associates: M. Karavitis,
Guidelines Office

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2022

Enucleation of the prostate

- 5.3.2.1 Open prostatectomy
- 5.3.2.2 Bipolar transurethral enucleation of the prostate
- 5.3.2.3 Holmium laser enucleation of the prostate
- 5.3.2.4 Thulium:yttrium-aluminium-garnet laser (Tm:YAG) enucleation of the prostate
- 5.3.2.5 Diode laser enucleation of the prostate
- 5.3.2.6 Enucleation techniques under investigation
 - 5.3.2.6.1 Minimal invasive simple prostatectomy
 - 5.3.2.6.2 532 nm ('Greenlight') laser enucleation of the prostate

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step by step

Le tecniche enucleative faticano a diffondersi

perchè

- Procedure complesse
- Problema di formazione
- Lunga curva di apprendimento
- Timore delle complicanze
- Disponibilità strumentazione
- Costi

COME INIZIARE?





La sala operatoria a casa...

3 unavailable videos are hidden

HoLE

31 video
2021

Real

43 video

+

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...da casa in sala operatoria!



Tutoraggio nelle prime procedure

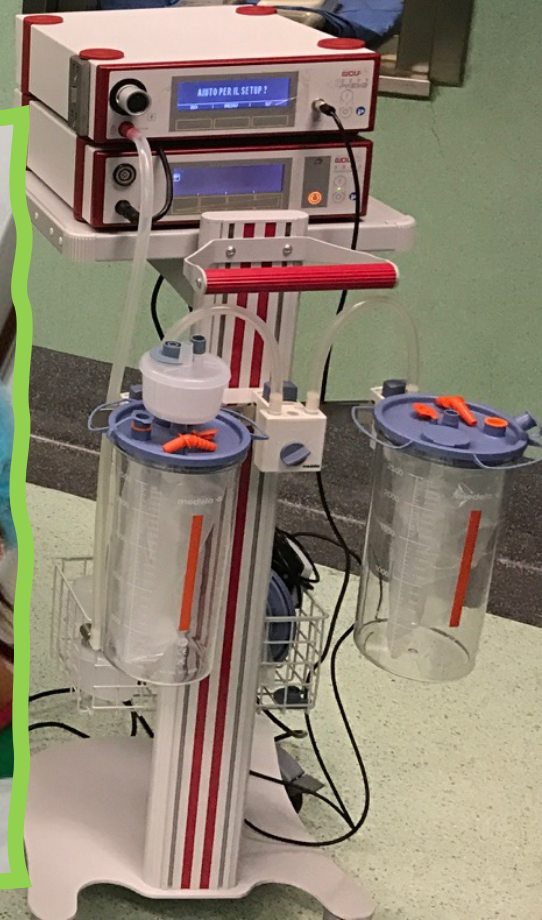


Green
Light
TUTORS



Padronanza dello strumentario

Training dell'equipe



SELEZIONE DEL PAZIENTE

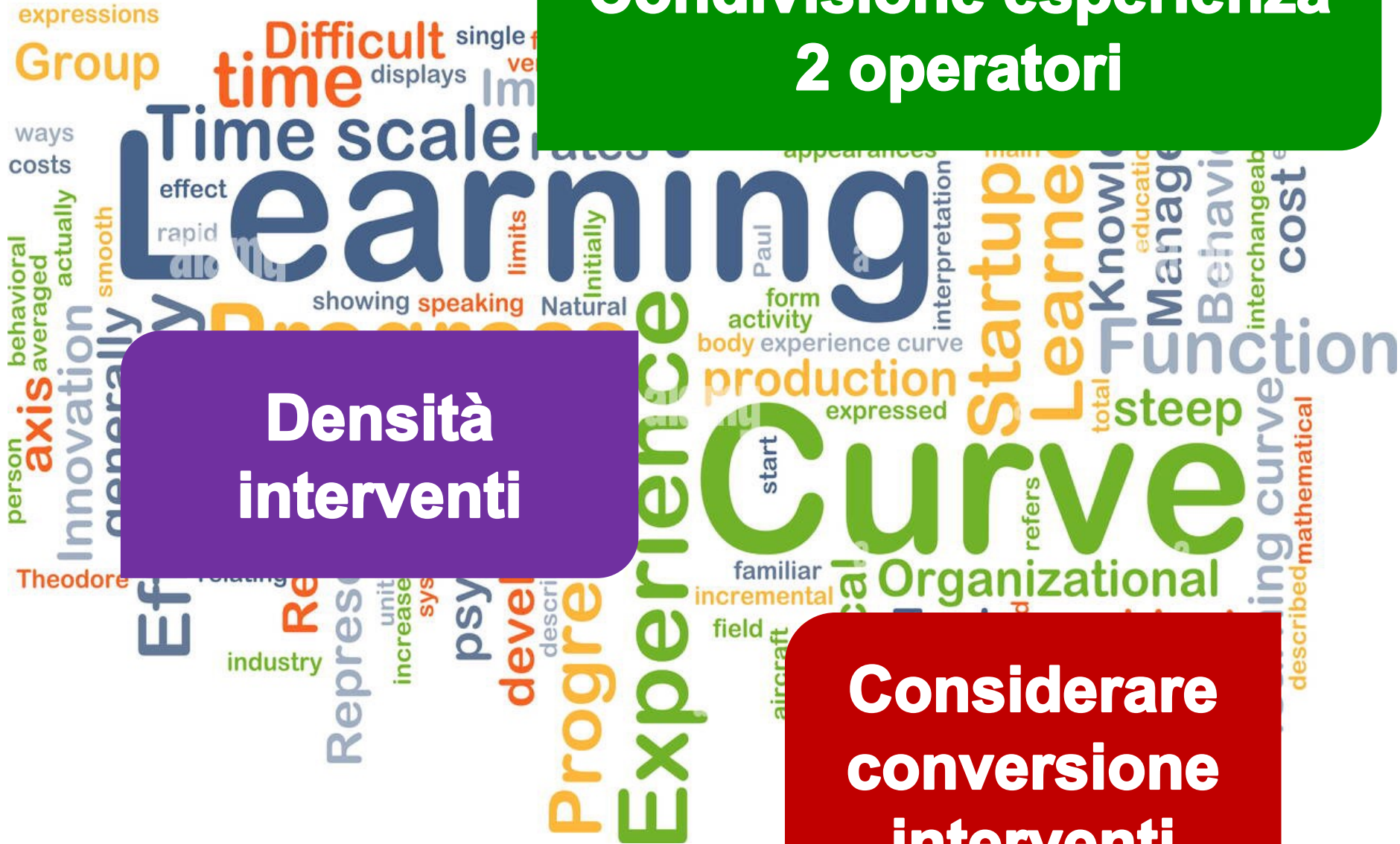


- Volume prostata 40-80 cc
- No storia di prostatiti
- No catetere a dimora
- No anticoagulanti
- No patologie urologiche associate
- No precedenti procedure per IPB

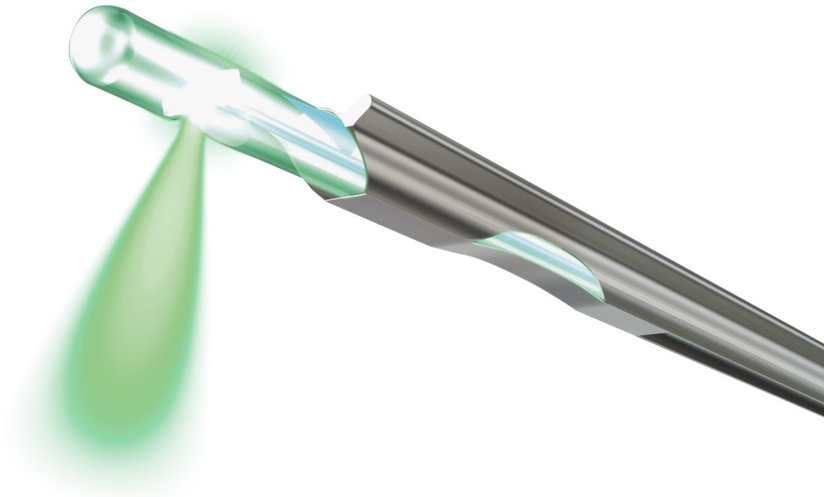
**Condivisione esperienza
2 operatori**

**Densità
interventi**

**Considerare
conversione
interventi**



Tecniche a complessità progressiva



- PVP
- PVP anatomica
- Enucleazione/morcellazione terzo lobo
- Enucleazione a lobi separati
- Enucleazione en-bloc modificata
- Enucleazione en-bloc