

Sex Affirming Surgery

In female-to-male Transgenders



Επεμβάσεις Επιβεβαίωσης (Αλλαγής) του Φύλου
σε από γυναίκα-σε-άνδρα Διαφυλικούς

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Plastic Surgery





No disclosure



Transsexualism / Gender Dysphoria

patients,
that physically and mentally
feels to be fully assigned
to the contra gender



Law Regulation

Since the 80s in Germany transsexualism is law regulated, as well as recognized and treated as a disease.

This legislation permits transsexual patients to change their names when two independent and appropriate psychological and/or psychiatric advisory judgments are positive.

However, a change of the patients' civil status is allowed only if permanent infertility and sex-adaptation within the genital area have been established by previous hormone therapy and surgery.

Consequently, there is a legal assignment for us surgeons to develop and perform such surgical procedures in order to improve the quality of life of these patients



Epidemiology

Approximately 23,000 people in Germany
have applied for sex reassignment surgery in the past 35 years
(German Society of Trans and Intersex Identity)
The number of cases increased for years and
currently would be about 1400 per year.



Female - to - Male

our latest multi-stage protocol for complete phalloplasty, applied in
37 female-to-male transsexuals:

first step: mastectomy, ovariectomy, urethral lengthening,
vaginectomy, colpocleisis, and neourethra prelamination,

second step: neophallus construction with free sensate
osteofasciocutaneous fibula (n=31) or radial forearm (n=6) flap,
and

third step: urethral connection, neoscrotum formation, and testicle
prosthesis implantation.



first stage

- mastectomy
- ovariectomy
- urethral lengthening
- vaginectomy
- colpocleisis
- neourethra prelamination



mastectomy



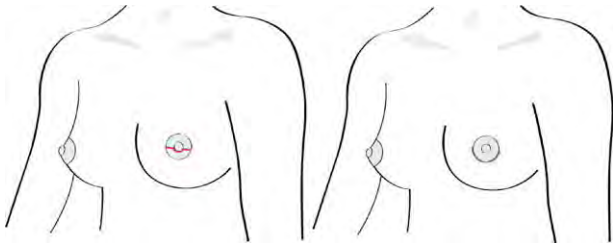
Ptosis I

Ptosis II

Ptosis III



mastectomy



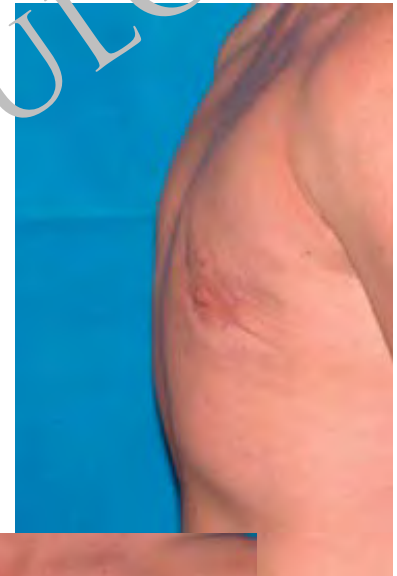
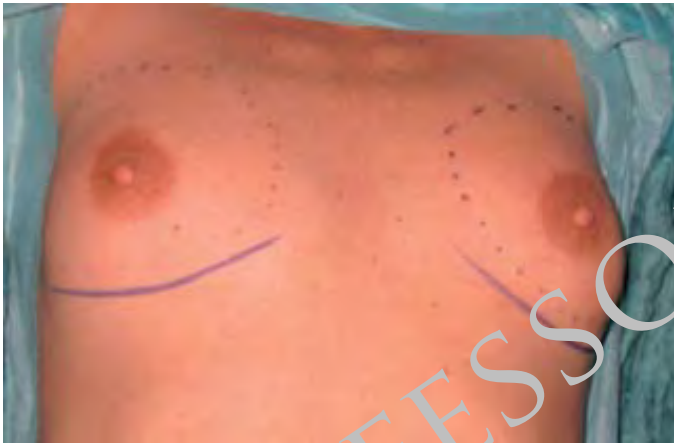
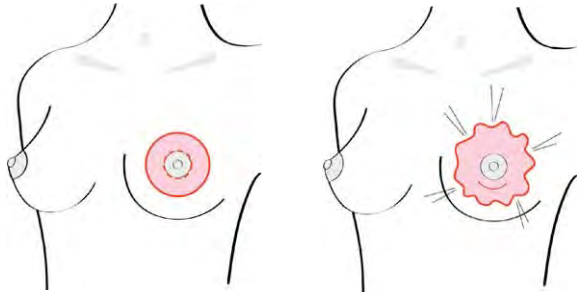
Ptosis I





mastectomy

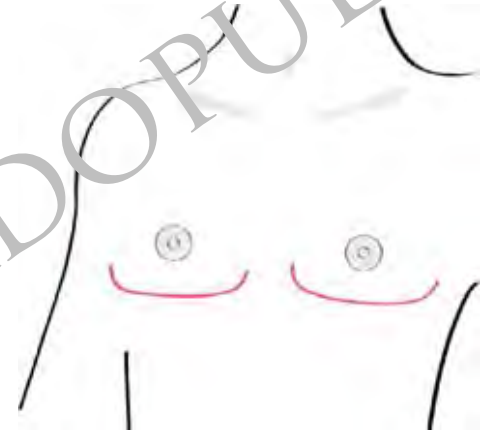
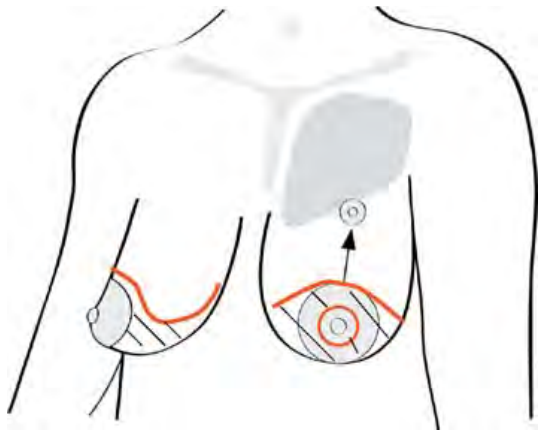
Ptosis II





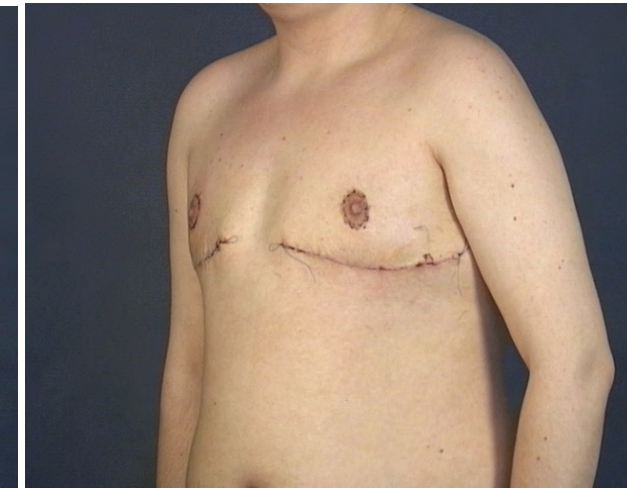
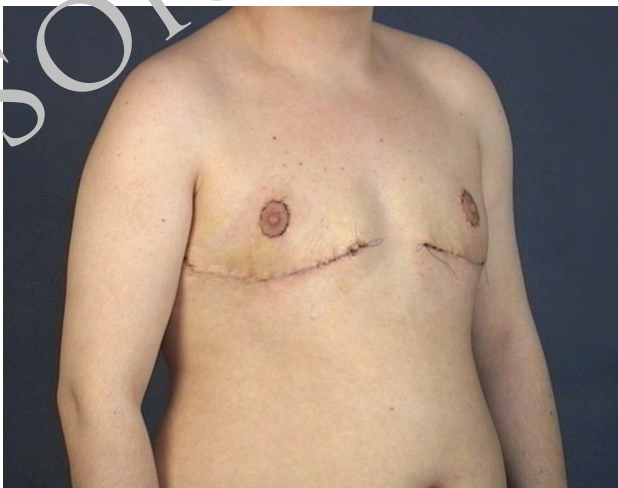
mastectomy

Ptosis III



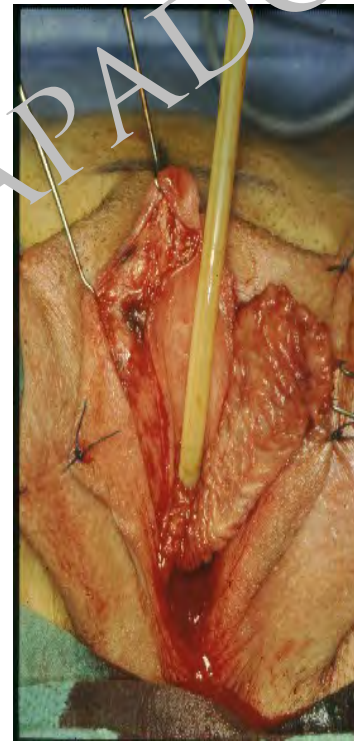
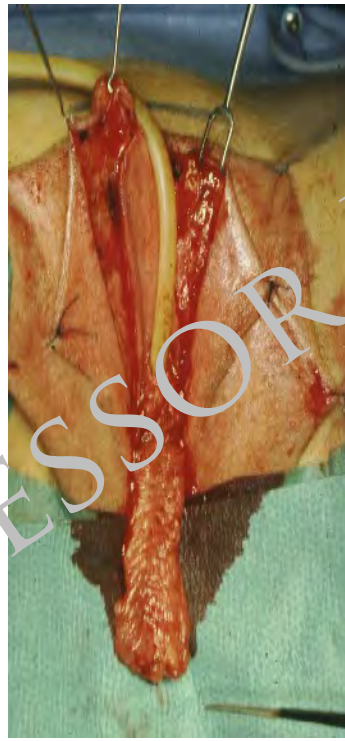


mastectomy





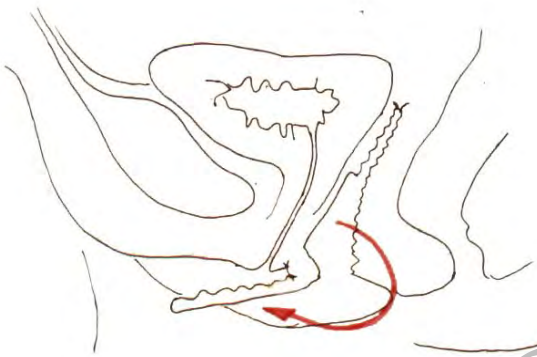
urethral lengthening (anterior vaginal flap)



J. Schaff & N. A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminated osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419



urethral lengthening (anterior vaginal flap)



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neourethra prelamination



N A Papadopoulos, J Schaff, E. Biemer. The use of free prelaminated and sensate osteofasciocutaneous fibular flap in phalloplasty.
Injury 2008;39:62-67



neourethra prelamination



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Injury 2008;39:62-67



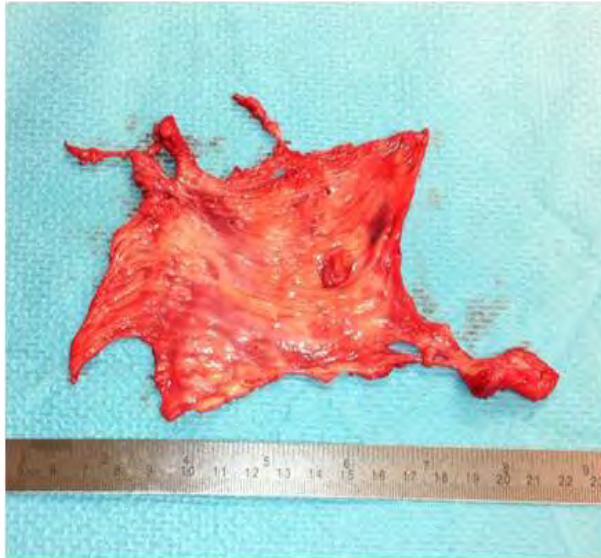
neourethra prelamination



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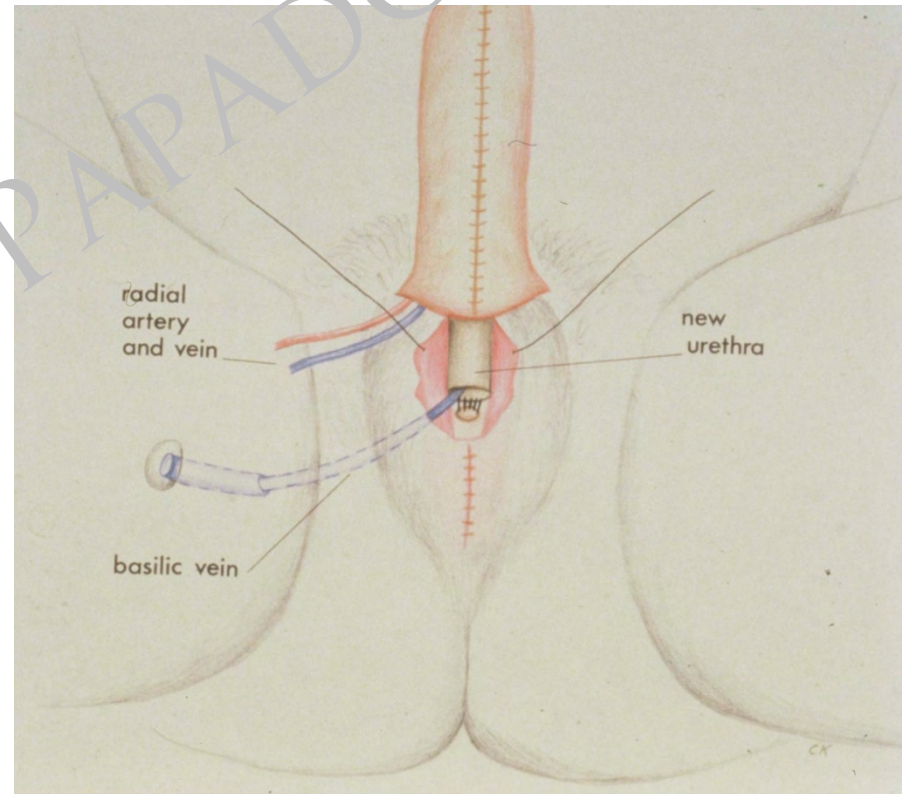
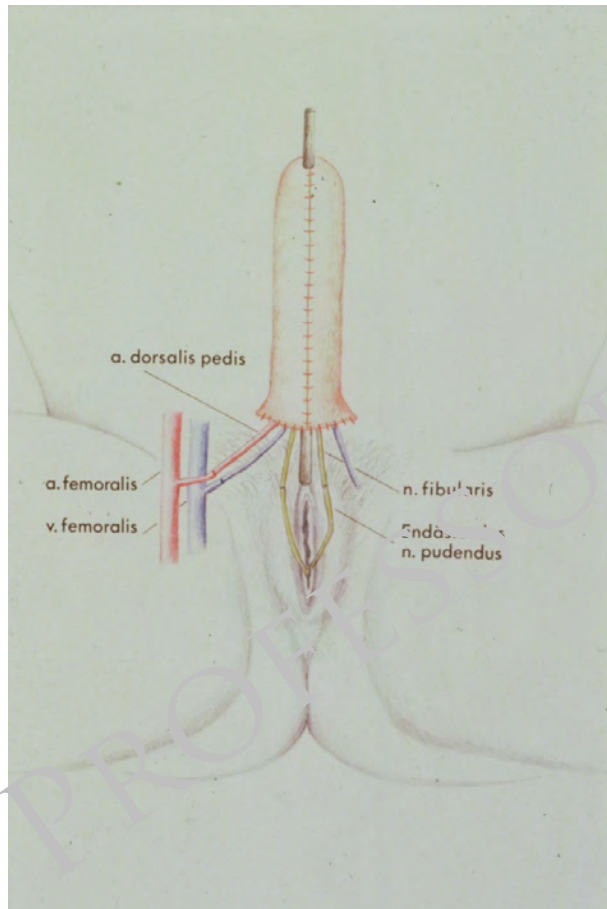
neourethra prelamination



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Injury 2008;39:62-67



second stage neophallus construction



J. Schaff & N. A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminated osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419



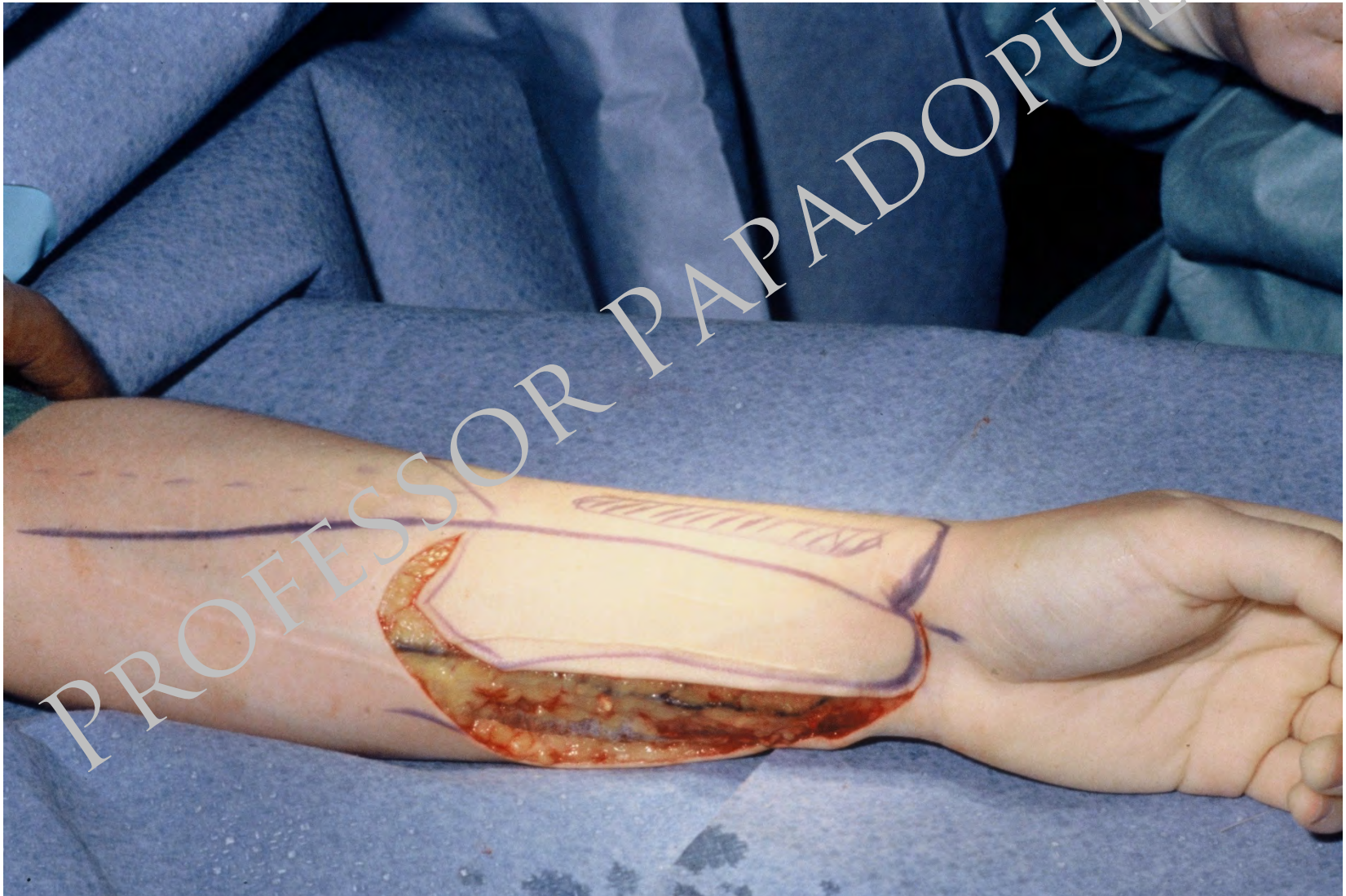
second stage neophallus construction



Courtesy .Mic

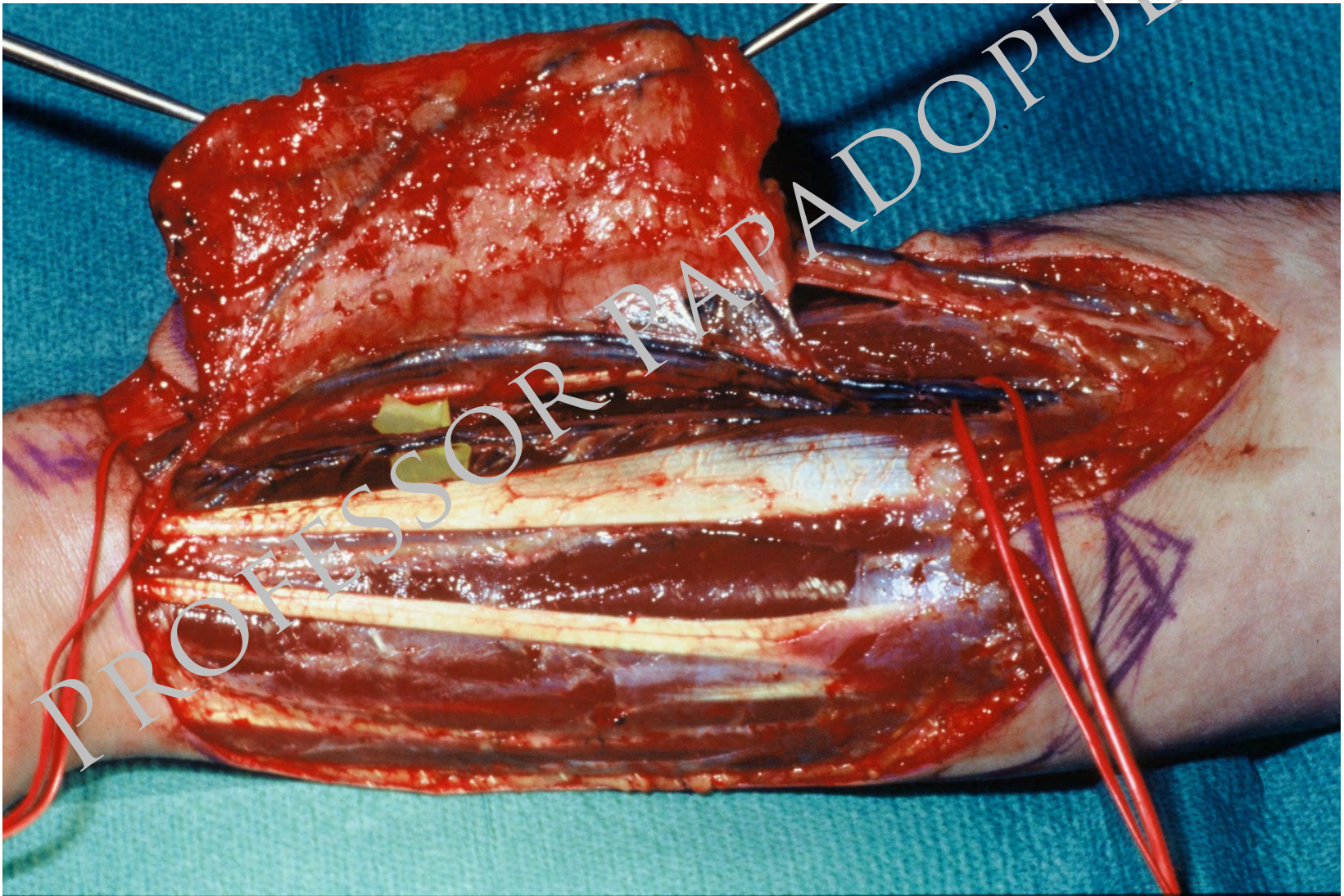


neophallus construction



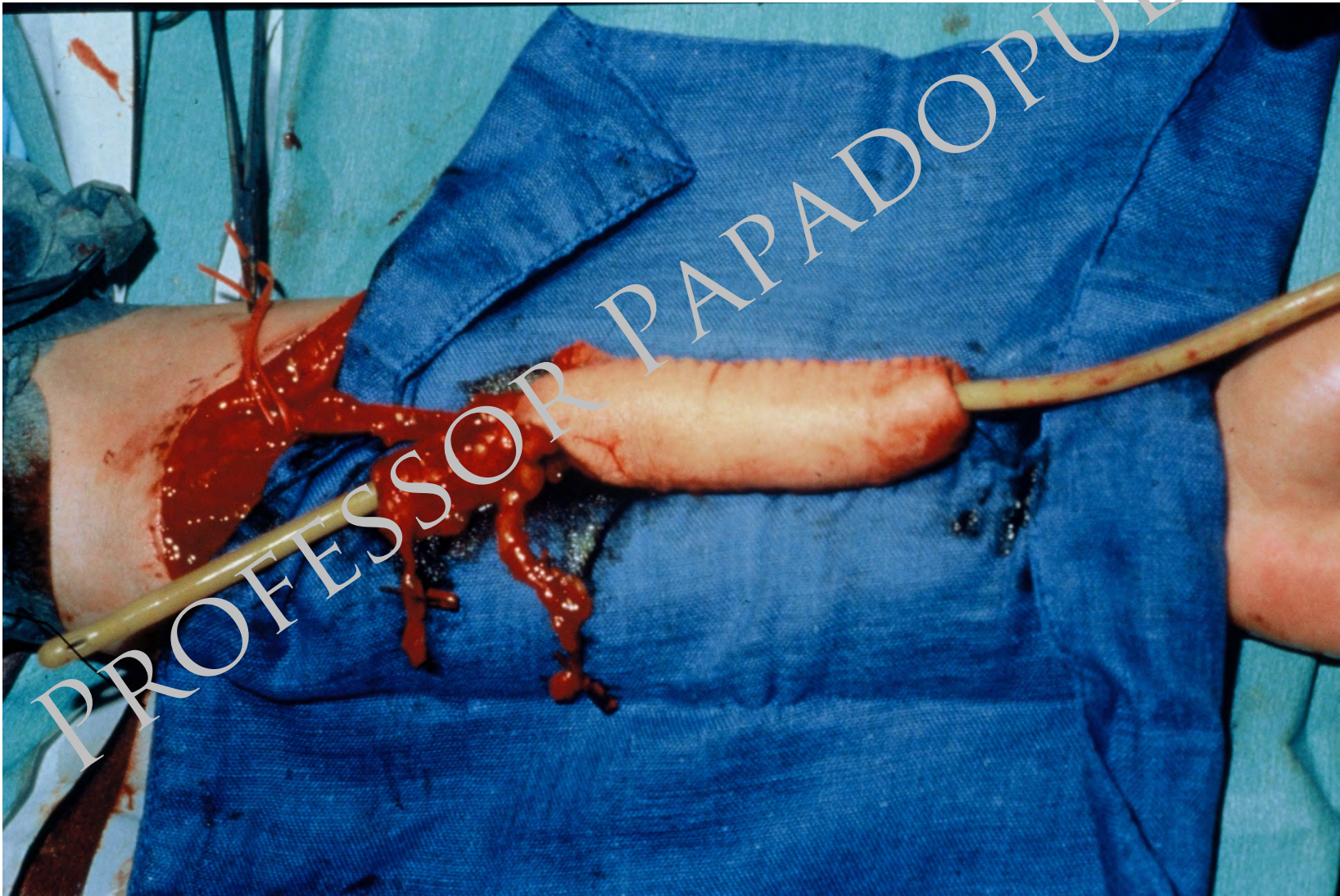


neophallus construction





neophallus construction





neophallus construction



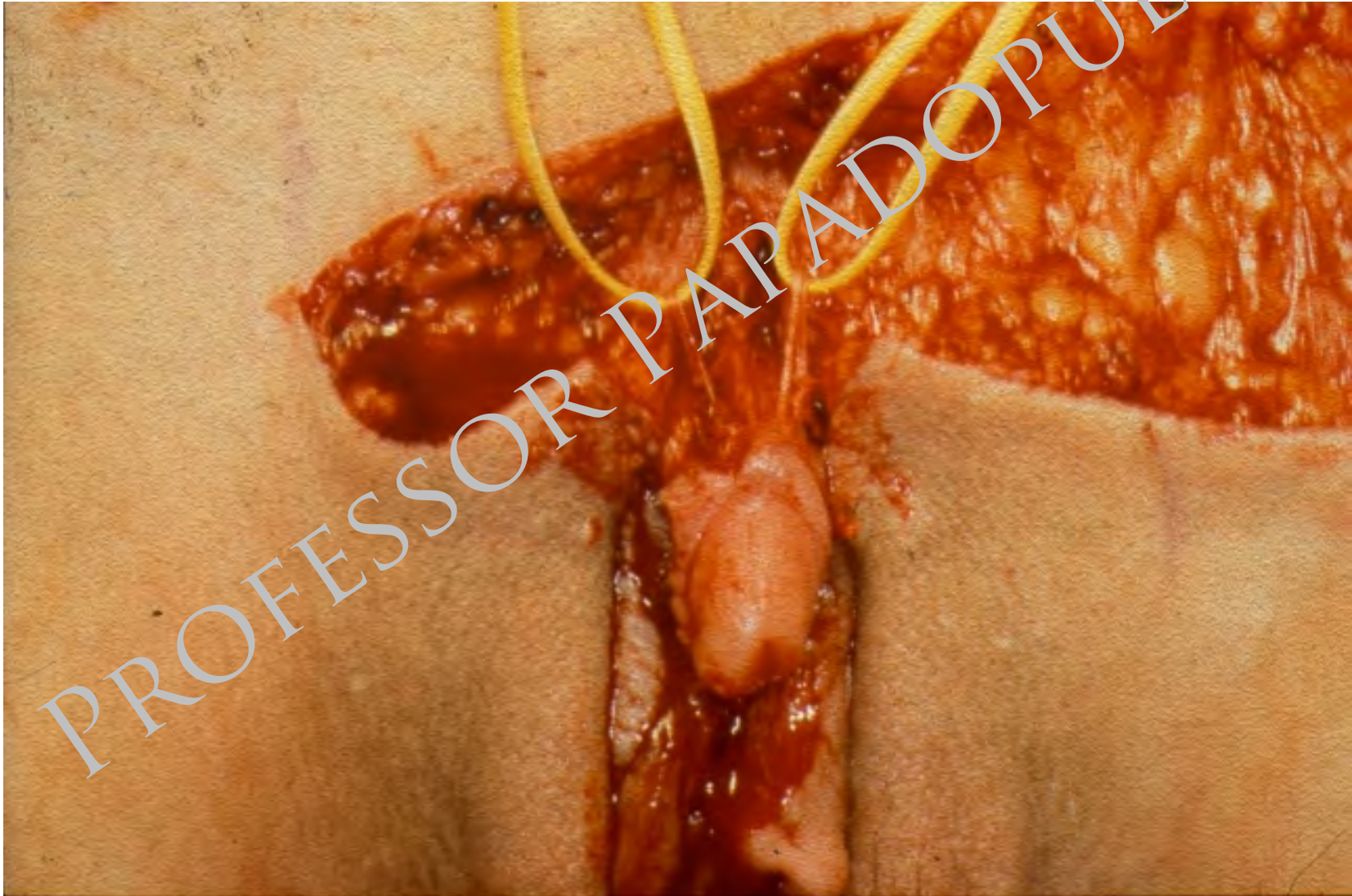


neophallus construction





neophallus construction





third stage

- urethral connection
- neoscrotum formation
- testicle prosthesis implantation

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neoscrotum formation



J. Schaff & N. A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminate osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419.



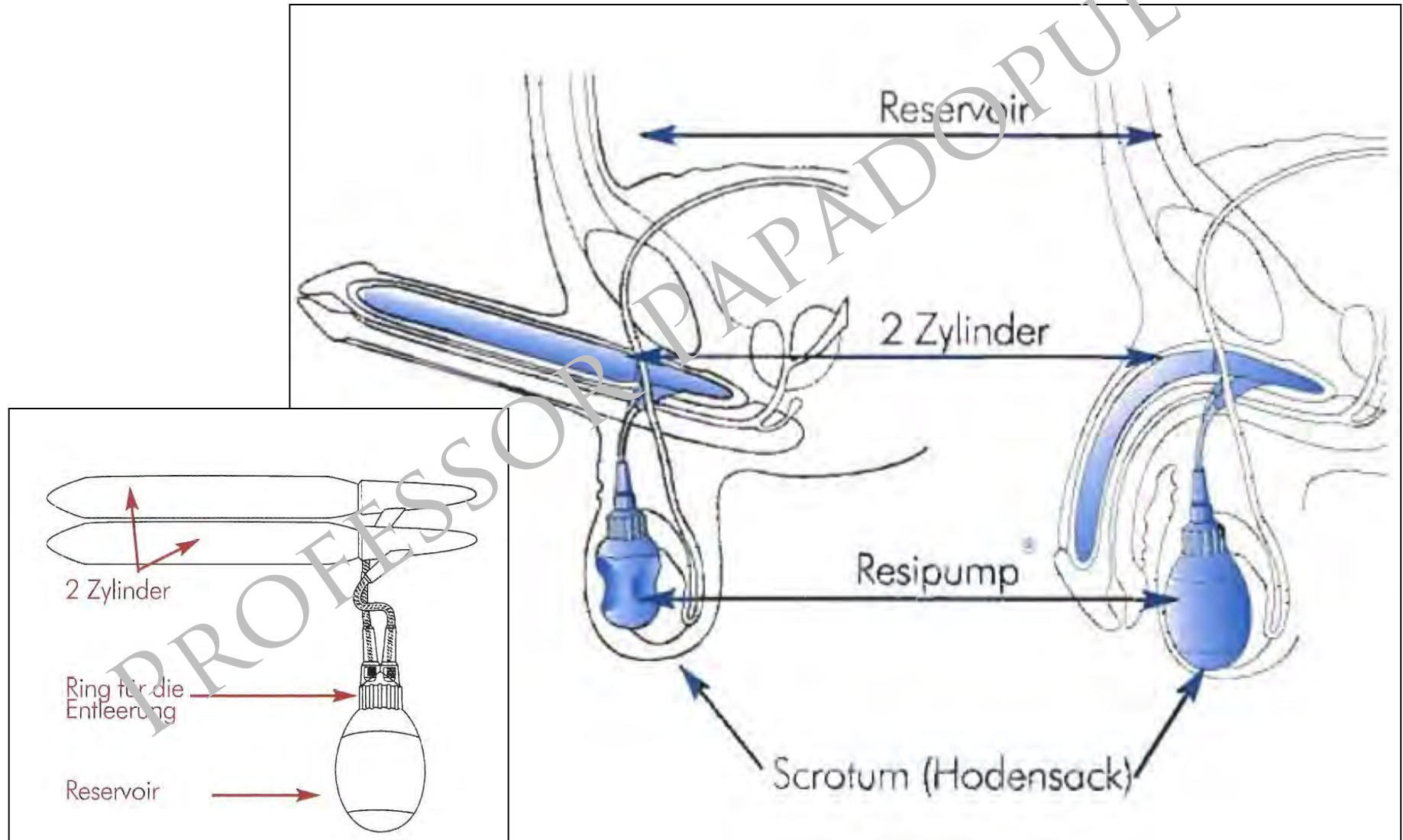
testicle prosthesis implantation



J. Schaff & N. A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminated osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419

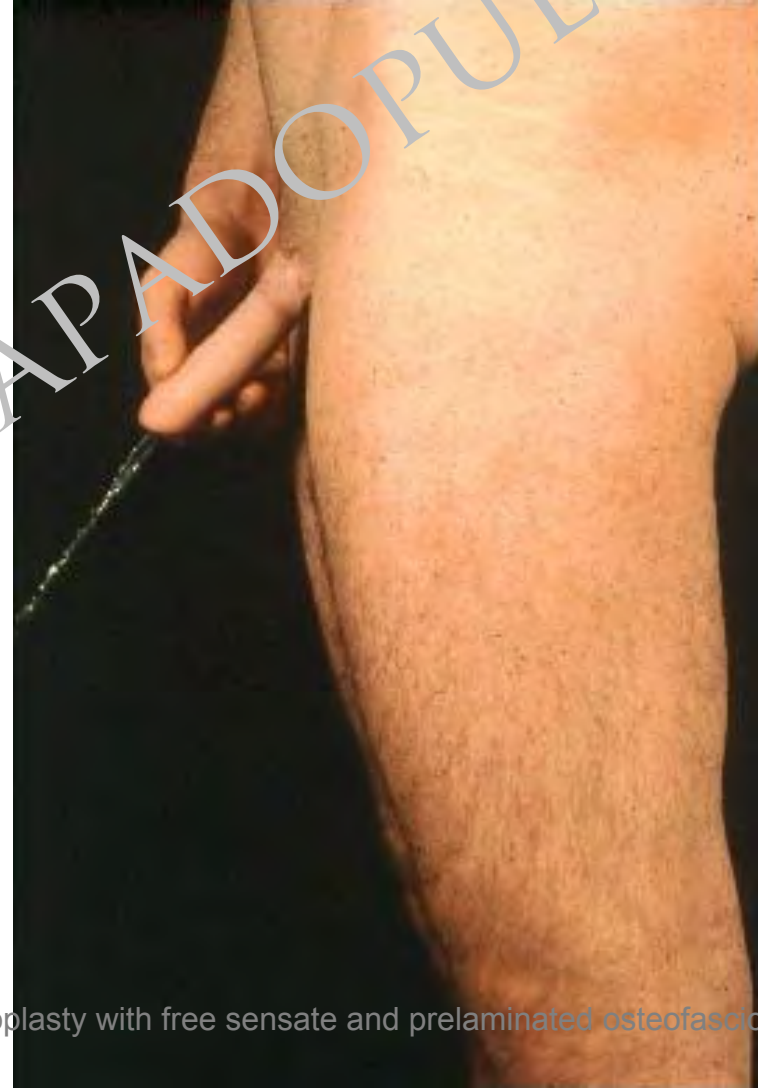


penile & testicle prosthesis implantation





the result



J. Schaff & N. A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminated osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419



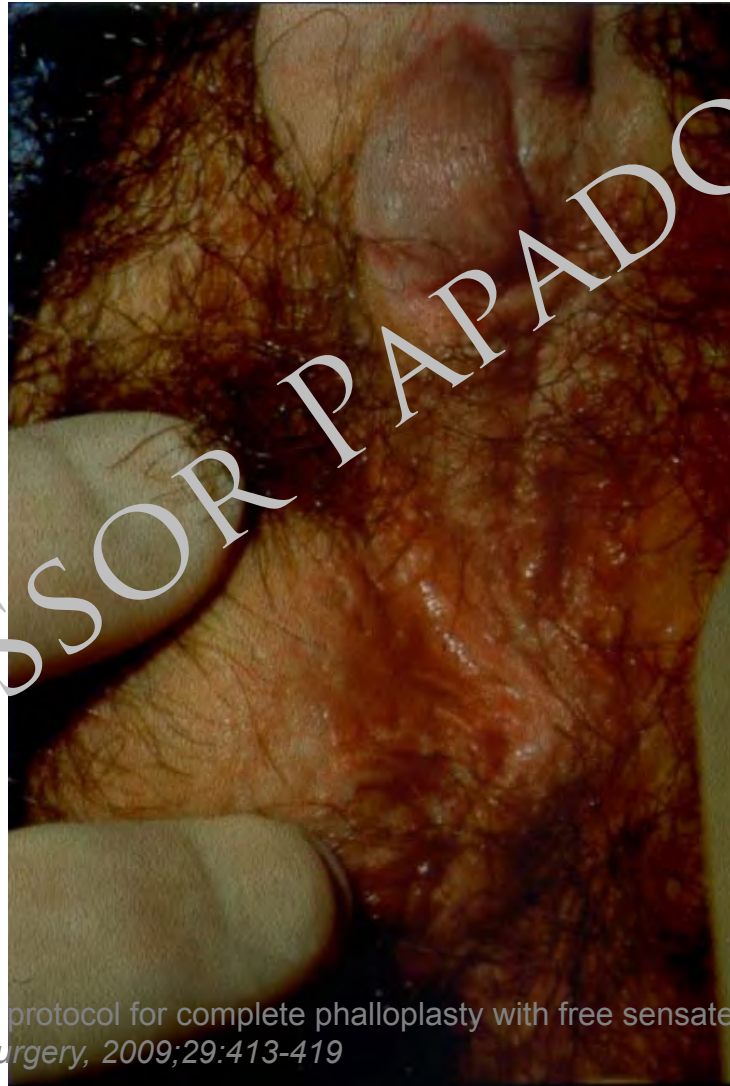
the result



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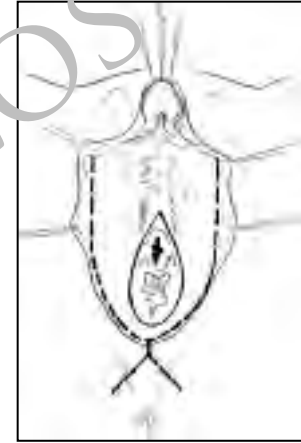
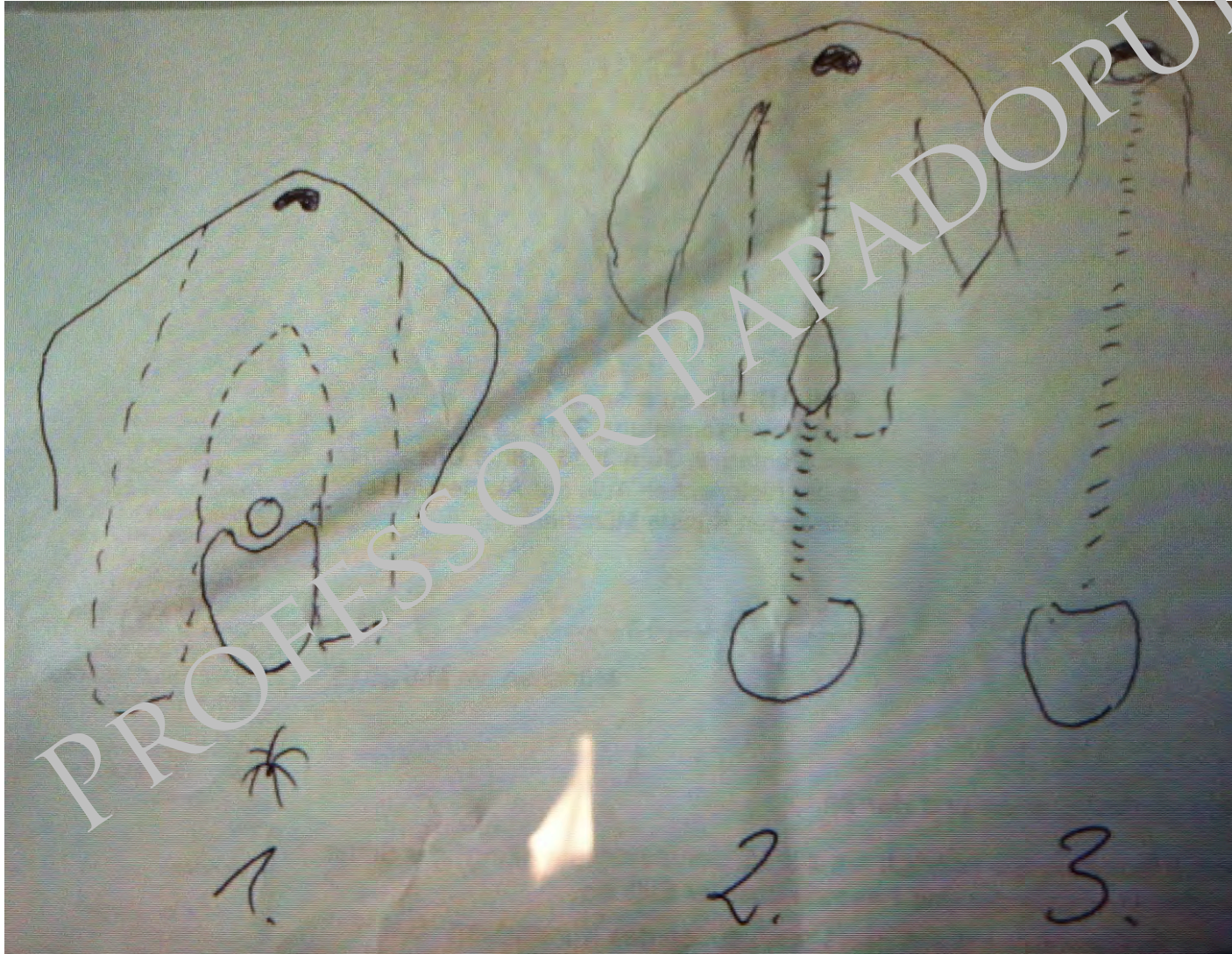
the detail



J. Schaff & N. A. Papadopoulos. A new protocol for complete phallosplasty with free sensate and prelaminated osteofasciocutaneous flaps: Experience in 37 patients. *Microsurgery*, 2009;29:413-419

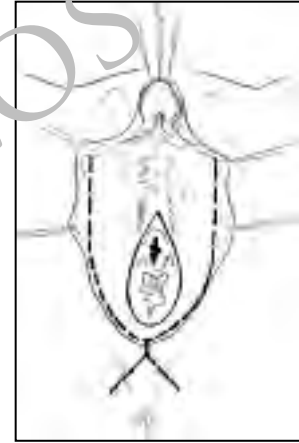
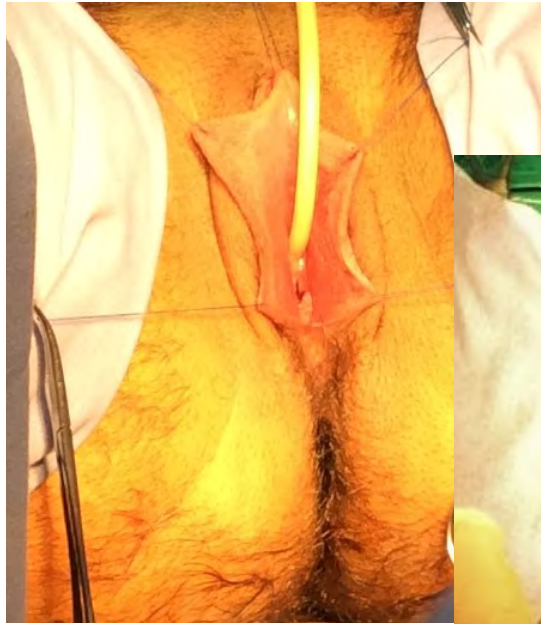


Metaidioplasty



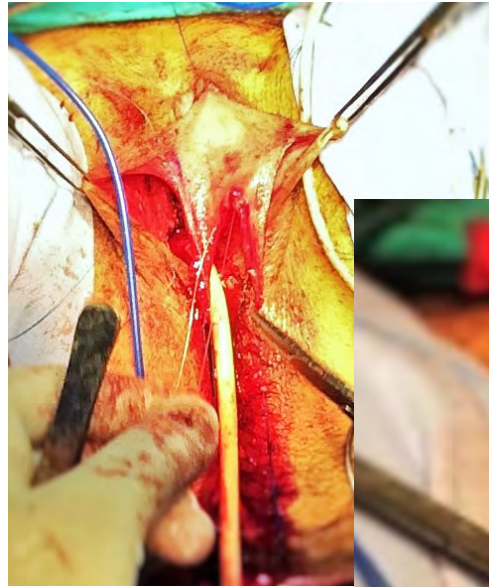


Metaoidioplasty





Metaoidioplasty





Metaoidioplasty





Metaoidioplasty





Metaoidioplasty





Metaoidioplasty





ΑΡΙΘΜΟΣ ΑΠΟΦΑΣΗΣ
1045

ΤΟ ΕΙΡΗΝΟΔΙΚΕΙΟ ΑΘΗΝΩΝ

Συγκροτήθηκε από την Ειρηνοδίκη Αθηνών [redacted] την οποία όρισε η Πρόεδρος του Τριμελούς Συμβουλίου Διεύθυνσης του Ειρηνοδικείου Αθηνών και τη Γραμματέα [redacted]

Συνεδρίασε δημόσια στο ακροατήριό του στις [redacted] για να δικάσει την αίτηση:

Της ΑΙΤΟΥΣΑΣ: [redacted]

[redacted] παραστάθηκε μετά της πληρεξουσίου της δικηγόρου [redacted]

Η αιτούσα ζητά να γίνει δεκτή η από [redacted] αίτηση, της που κατατέθηκε στη Γραμματεία του Δικαστηρίου τούτου με [redacted] και [redacted], προσδιορίστηκε για την παραπάνω δικάσιμη και γράφτηκε στο πινάκιο.

Κατά τη συζήτηση της υπόθεσης η πληρεξούσια δικηγόρος της αιτούσας ανέπτυξε τους ισχυρισμούς της και ζήτησε να γίνουν αυτοί δεκτοί

ΑΦΟΥ ΠΕΡΑΣΤΗΣ ΤΗ ΔΙΚΟΓΡΑΦΙΑ
ΕΚΕΦΤΗΝΕ ΚΑΤΑ ΤΟ ΝΟΜΟ

Ι. Από τη διάταξη του άρθρου 182 παρ. 1 και 3 του ΚΠολΔ συνάγεται ότι κατά τη διαδικασία της εκουσίας δικαιοδοσίας δικάζονται οι αιτήσεις όποιου έχει έννομο συμφέρον ή του Εισαγγελέα με τις οποίες ζητείται η βεβαίωση ενός γεγονότος με σκοπό να συνταχθεί η ληξιαρχική πράξη ή η διόρθωση ορισμένου στοιχείου της

υπογράφει η [redacted] την 22-9-2015 ιατρική βεβαίωση του Νικόλαου Α. Παπαδόπουλου, (Πλαστική Χειρουργού). Το ανδρικό φύλο και το όνομα [redacted] (εντίστοιχο του δηλ. κύριου βαπτιστικού της ονόματος) και της ελεύθερης βολήσής της να λάβει αυτό το κύριο όνομα, αποτελεί απαραίτητο και χαρακτηριστικό στοιχείο της προσωπικότητας της ενώ το επίθετό της θα πρέπει να αποδοθεί στο αρσενικό γένος από [redacted] και πρέπει η νέα κατάσταση, αναφορικά με το φύλο, το κύριο όνομα και το επίθετό της, να απεικονίζεται και στα ληξιαρχικά βιβλία. Πρέπει, επιπλέον, να γίνει δεκτή η αίτηση ως βάσιμη κατά ουσίαν, όπως εοικότα, η οποία στο διατακτικό της απόφασης.

ΓΙΑ ΤΟΥΣ ΛΟΓΟΥΣ ΑΥΤΟΥΣ

ΔΙΚΑΖΕΙ να αποδοθεί της αιτούσας.

ΔΕ. ΕΤΑΙ την αίτηση.

ΠΡΕΣΑΙΩΝΕΙ με σκοπό τη διόρθωση της υπ' αριθμ. [redacted] έτος [redacted] ληξιαρχικής πράξης γέννησης, που έχει συνταχθεί από τον Ληξιαρχο του Δήμου [redacted], ότι το φύλο της αιτούσας είναι "ΑΓΟΡΙ" αντί του αναγραφέντος στη ληξιαρχική πράξη "ΚΟΡΙΤΣΙ", το δε κύριο όνομα αυτής [redacted] αντί του αναγραφέντος στη ληξιαρχική πράξη [redacted] και το επίθετο "[redacted]" αντί του αναγραφέντος στη ληξιαρχική πράξη [redacted].

Κρίθηκε, αποφασίστηκε και δημοσιεύτηκε σε έκτακτη συνεδρίαση, στο ακροατήριό του στην Αθήνα χωρίς την παρουσία των διαδίκων και των πληρεξουσίων τους δικηγόρων στις [redacted]

Η ΕΙΡΗΝΟΔΙΚΗΣ Η ΓΡΑΜΜΑΤΕΑΣ

[redacted]

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΕΙΡΗΝΟΔΙΚΕΙΟ ΑΘΗΝΩΝ

Ακριβές αντίγραφο
Παραβλήθηκε για τη νόμιμη σύγκριση
Αθήνα, [redacted]
Γραμματέας [redacted]



Results

occasionally, wound healing disturbance and slight asymmetry of the breasts was observed, as well as colpocleisis revision needed

partial flap necrosis took place in 6 patients, while 12 presented urethral stricture, and 6 a fistula

despite inferior neophallus sensibility, patients who's neophallus was created using fibula flap experienced better sexual intercourse

however, overall patients' satisfaction was superior



Conclusions

the applied protocol demonstrates the effectiveness of such a multistage and interdisciplinary approach for female-to-male transsexuals, offering an essential improvement of their quality of life, concerning their successful integration into the reassigned gender position in the society



Lebenszufriedenheit transsexueller Patienten nach geschlechtsangleichenden Operationen - (*Quality of Life by Transsexual Patients after Sex Reassignment Surgery*)

A. Zimmermann, R. Zimmer, L. Kovacs, S. Einödshofer,
P. Herschbach, G. Henrich, W. Tunner, E. Biemer,
N.A. Papadopoulos

Der Chirurg, 2006;77:432-38



Results

very high identification with the new sex
and satisfaction with their bodies

further improvement
through the optimization of surgical techniques and
**the improvement of postoperative professional
and social integration can be achieved**



Conclusion

Because of these reasons
in the future
these insightful findings should be tried to be verified
as part of follow-up studies,
Including however a non-operated control group



Literature

- 1) N.A. Papadopoulos, J. Schaff, E. Biemer. Usefulness of free sensate osteofasciocutaneous forearm and fibula flaps for neophallus construction. J Reconstr Microsurg, 2001;17:407-12.
- 2) N.A. Papadopoulos, J. Schaff, E. Biemer. Long-term fate of the bony component in neophallus construction with free osteofasciocutaneous forearm or fibula flap in 18 female-to-male transsexuals. PRS, 2002;109(3): 1025-1030, Discussion 1031-1032.
- 3) N.A. Papadopoulos, et. al.. The donor-site morbidity following harvesting of free osteofascio-cutaneous fibula flaps with extended skin island. Ann Plast Surg, 2002;49:138-44.
- 4) A. Zimmermann, et. al.. Lebenszufriedenheit transsexueller Patienten nach geschlechtsangleichenden Operationen. Der Chirurg, 2006;77:432-8.
- 5) N.A. Papadopoulos et. al.. Quality of life following Aesthetic Plastic Surgery: A prospective study. JPRAS, 2007;60:915-21.
- 6) N.A. Papadopoulos, J. Schaff, E. Biemer. The use of free prelaminated and sensate osteofasciocutaneous fibula flap in phalloplasty. Injury, 2008;39:62-7.
- 7) J. Schaff, N.A. Papadopoulos. A new protocol for complete phalloplasty with free sensate and prelaminated osteofasciocutaneous fibula flaps: Experience in 37 patients. Microsurg, 2009;29:413-9.
- 8) N. Papadopoulos, J. Schaff. Guest co-editors of the special issue : "Angleichungsoperationen bei Transsexualismus (Sex Reassignment Surgery by transsexuals)". HaMiPla, 2011;43:207.
- 9) S. Morath, N. Papadopoulos, J. Schaff. Operatives Management und Techniken der Mastektomie bei Frau-zu- Mann Transsexuellen. HaMiPla, 2011;43:232-239.



Literature

- 10) H. Pototschnig, et. al.. The free osteofasciocutaneous fibula flap: Clinical applications and surgical considerations. *Injury*, 2013;44:366-9.
- 11) N.A. Papadopoulos, et. al.. Quality of life, personality changes, self esteem, and emotional stability after breast augmentation. *Eur J Plast Surg*, 2014;37(9):479-88
- 12) N.A. Papadopoulos, et al.. Quality of Life and Patient Satisfaction Following Male-to-Female Sex Reassignment. *J Sex Med*, 2017;14(5):721-30.
- 13) N.A. Papadopoulos, et. al.. Surgical Outcome and Patient Satisfaction after Male-to-Female Sex Reassignment Surgery Using the Combined Vaginoplasty Technique in a Prospective Study. *JPRAS*, 2017;70(10): 1483-92.
- 14) N.A. Papadopoulos, et. al.. Male-to-Female Sex Reassignment Surgery Using the Combined Technique Leads to Increased Quality of Life in a Prospective Study. *PRS*, 2017;140(2):286-4.
- 15) R. Niehaus, et. al.. Quality of life - changes after Rhinoplasty. *Facial Plast Surg*, 2017;33(5):530-36.
- 16) N.A. Papadopoulos and D. Zavlin. Reply: Terminology in Transgender Patient Care. *PRS*, 2018;141(2): 318e-319e.
- 17) D. Zavlin, et. al.. Male-to-Female Sex Reassignment Surgery using the Combined Vaginoplasty Technique: Satisfaction of Transgender Patients with Aesthetic, Functional, and Sexual Outcomes. *Aesth Plast Surg*, 2018; 42:178-87