

CORSI DI FORMAZIONE SIA – Napoli 5-7 giugno 2015

## URGENZE IN ANDROLOGIA

Coordinatori  
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# LA CALCIFILASSI PENIENA

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Alba

# Calcifilassi

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## *Arteriopatia uremica calcifica*

- 1-4% dei pazienti con IRC
- 60-80% mortalità
- eziologia multifattoriale
- disordine da ipersensibilità?

### **Agenti sensibilizzanti**

*iperparatiroidismo, ipercalcemia, iperfosforemia*

### **Agenti stimolanti**

*steroidi, sali di ferro, immunosoppressori, anticoagulanti*

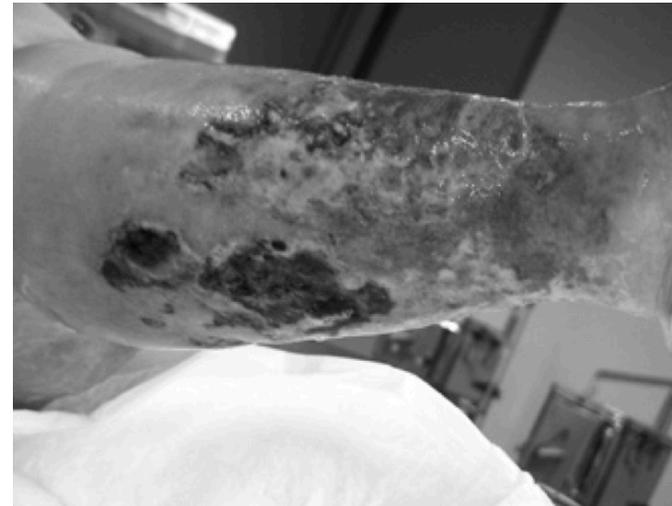
### **Fattori associati**

*obesità, diabete, epatopatie, supplementi di calcio, vitamina D, ipoalbuminemia, aumento della fosfatasi alcalina*

# Calcifilassi

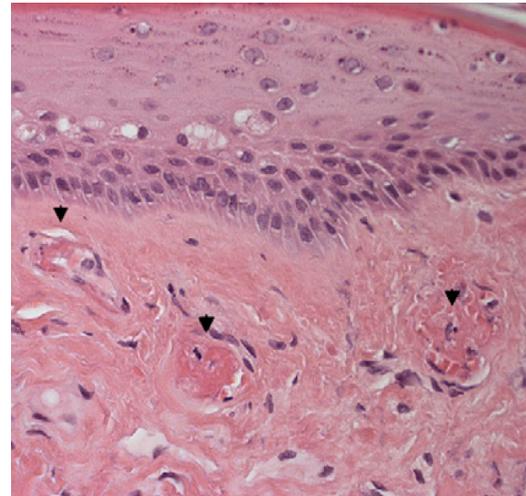
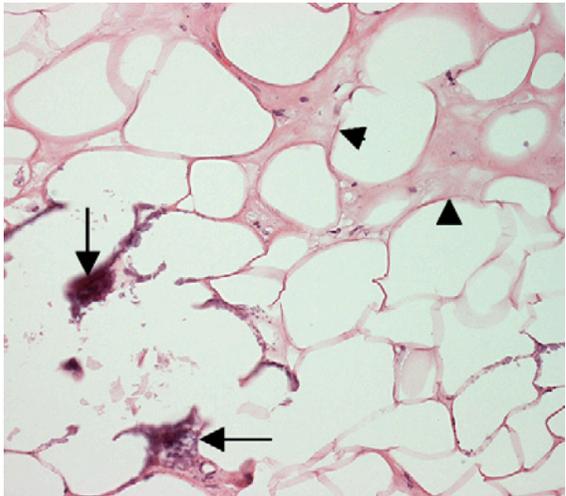
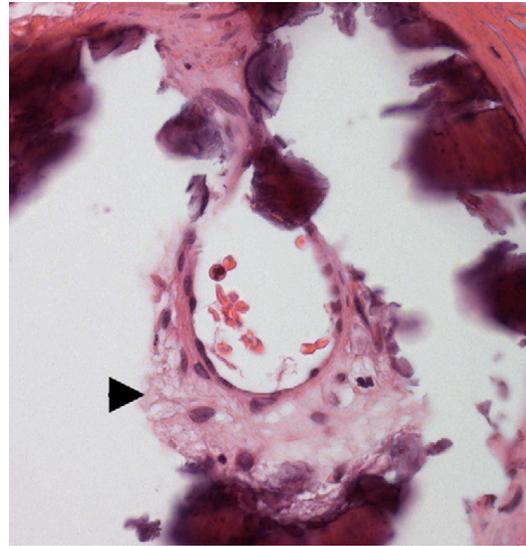
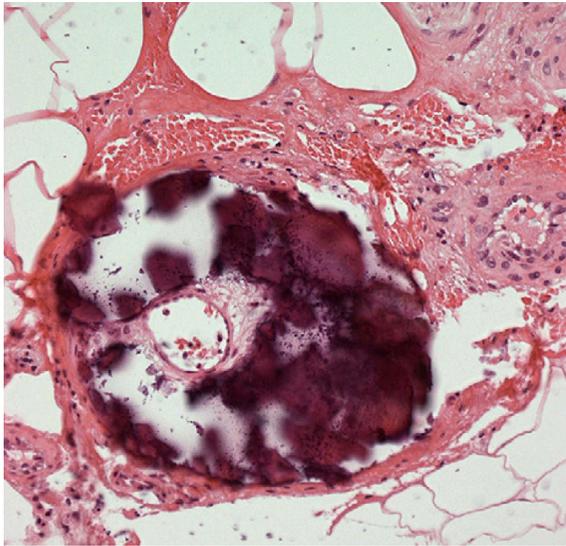
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## *Manifestazioni cliniche*



# Calcifilassi

## *Aspetti istologici*



# Calcifilassi

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## *Terapia*

- controllo del bilancio calcio-fosforo
- controllo glicemico
- sodio tiosolfato
- difosfonati
- cinacalcet
- ossigeno iperbarico
- paratiroidectomia
- terapie locali delle lesioni

# Calcifilassi peniena

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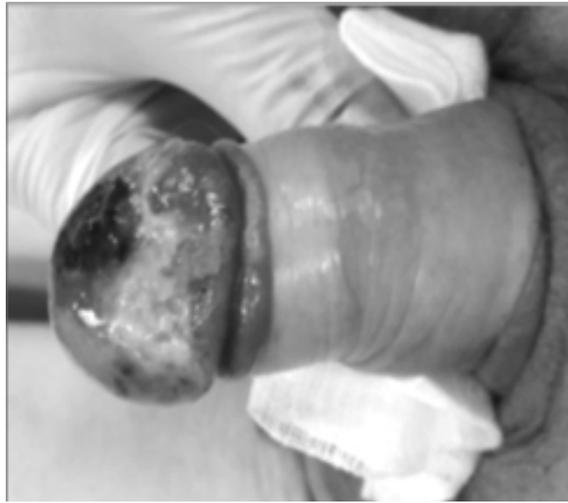
## *Revisione della letteratura*

- 52 casi descritti
- 100% IRC, 77% diabete
- sopravvivenza media 4.1 mesi
- mortalità 66%

# Calcifilassi peniena

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## *Aspetti clinici*



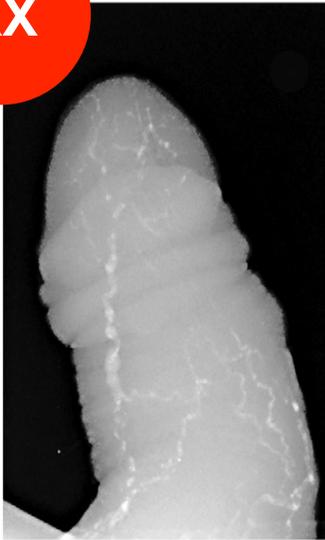
*Karpman, J Urol 2003*  
*Morúa, Actas Urol Esp 2009*

*Grande, Urologia 2010*  
*Barthelmes, Int Urol Nephrol 2002*

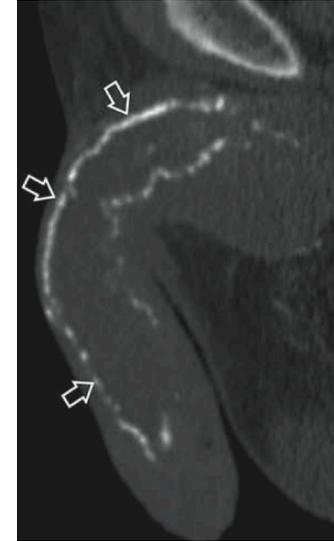
# Calcifilassi peniena

*Diagnostica per immagini*

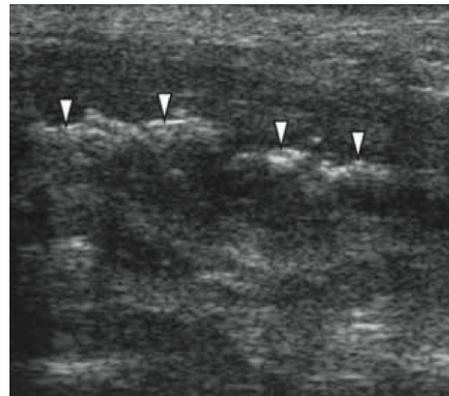
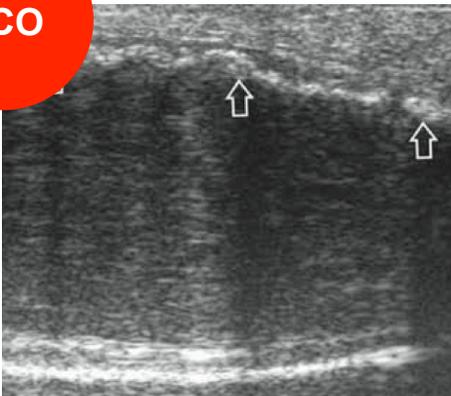
RX



TC



ECO

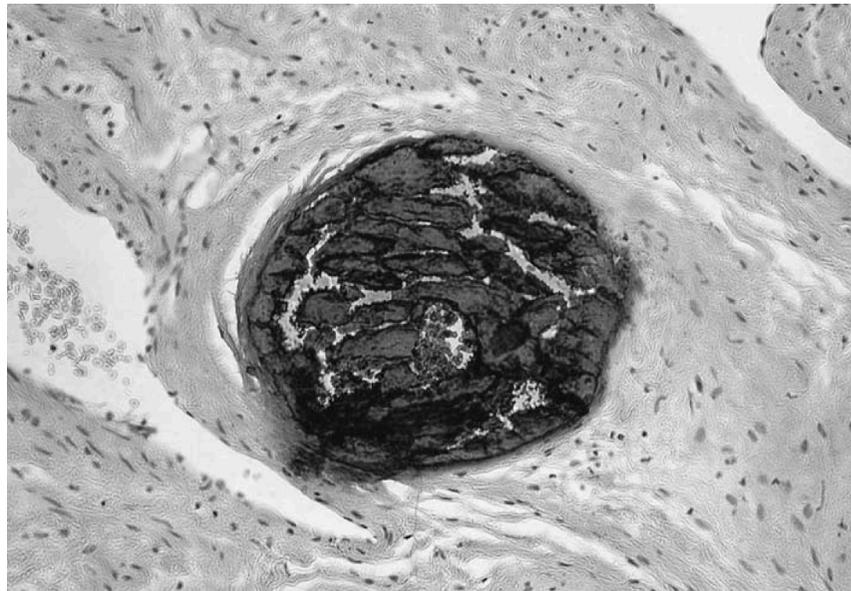
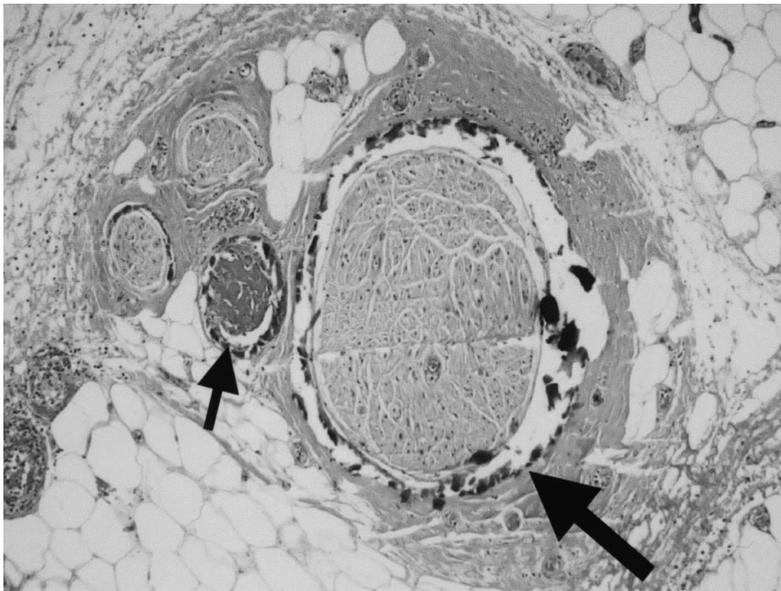


*Karpman, J Urol 2003  
Rizvi, Saudi Med J 2009  
Bertolotto, Radiographics 2009*

# Calcifilassi peniena

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## *Aspetti istologici*



*Karpman, J Urol 2003*  
*Barthelmes, Int Urol Nephrol 2002*

# Calcifilassi periferica

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## *Terapia*

- come per la forma sistemica
- paratiroidectomia se PTH elevato
- terapia conservativa
- penectomia parziale o totale
- derivazione delle urine
  
- LDL-aferesi
- rivascolarizzazione

# Caso clinico 1

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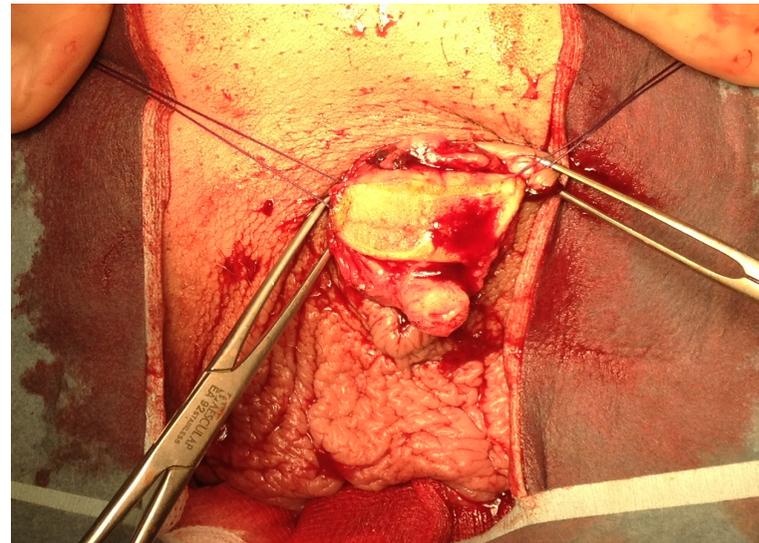
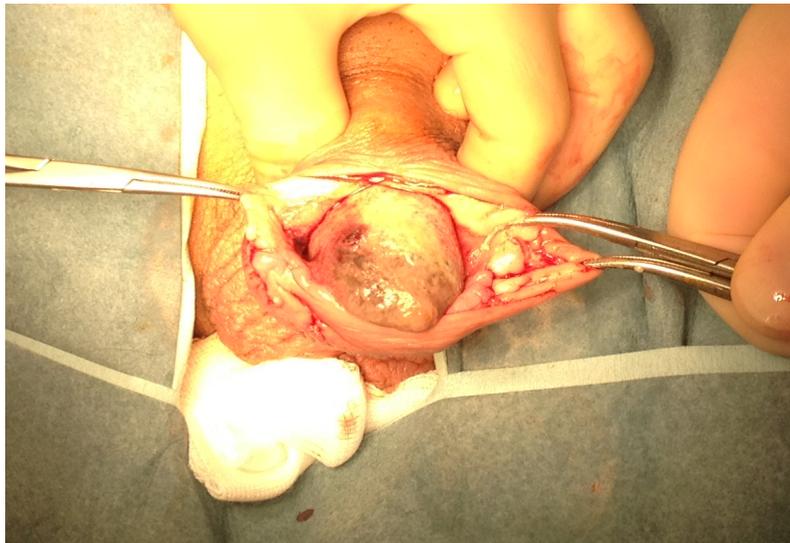
*ML, 59 anni*



# Caso clinico 2

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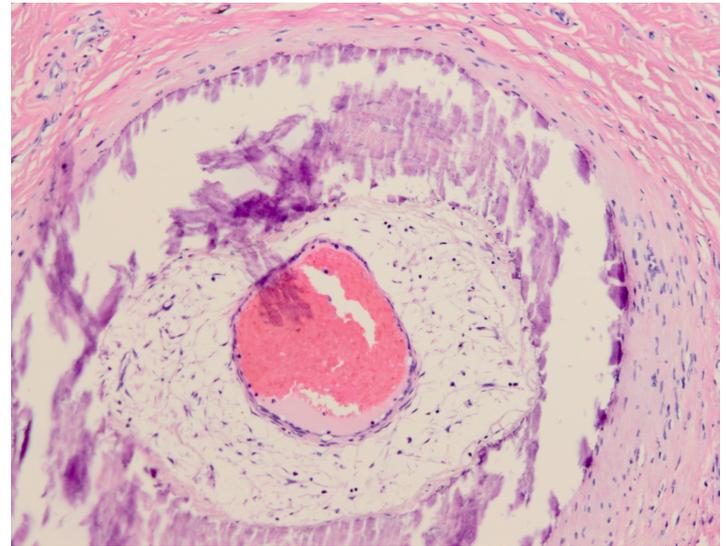
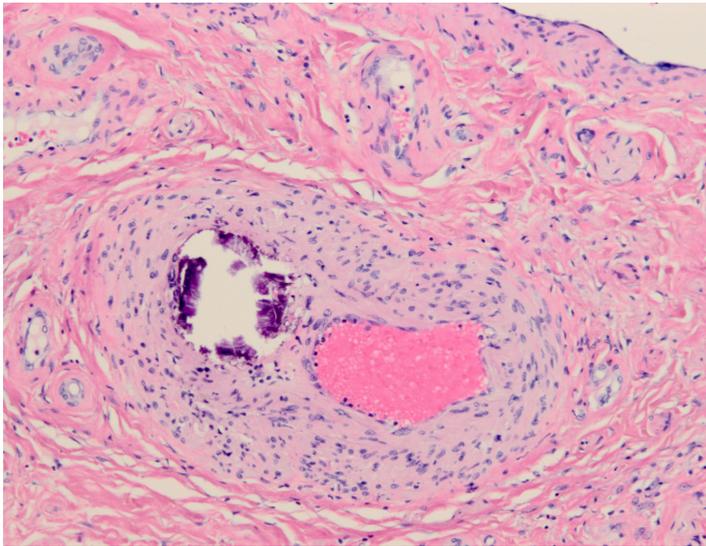
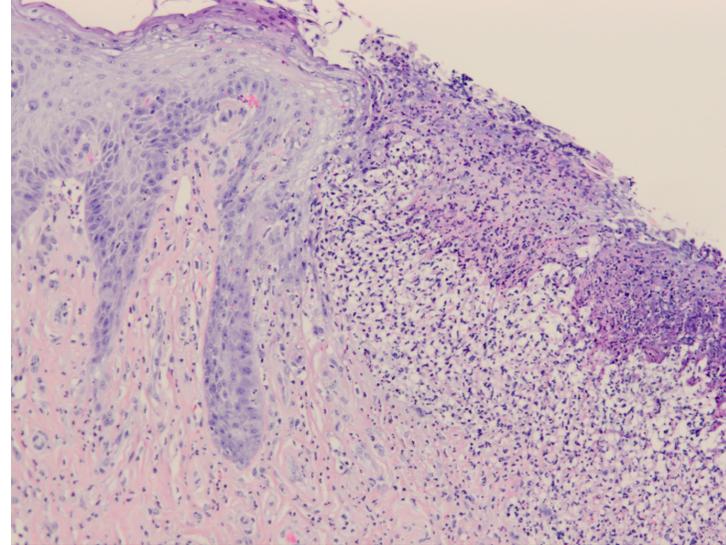
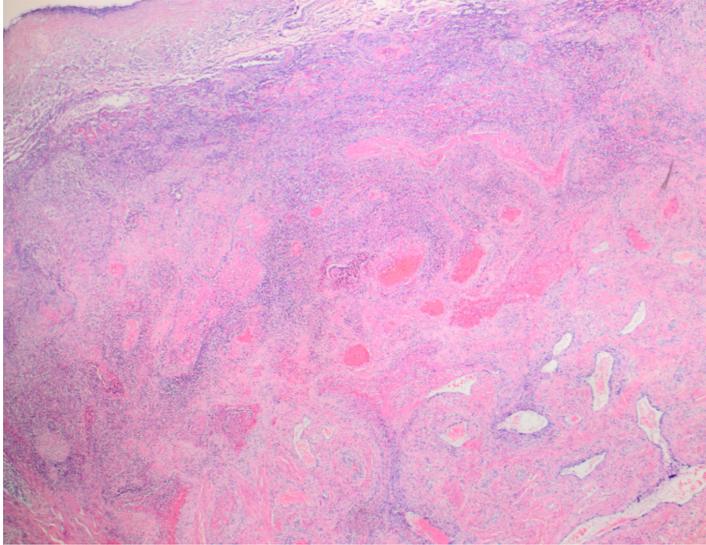
*DM, 77 anni*



# Caso clinico 2

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*DM, 77 anni*



# Calcifilassi renale

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## *Conclusioni*

- rara
- comorbilità e mortalità elevate
- da sospettare in caso di calcifilassi sistemica
- aggressivo controllo metabolico
- ruolo controverso della paratiroidectomia e della nefrectomia