

TCTAP 2014 Luncheon Seminar

Current EVT trend in Japan

April 24th (THU), 2104

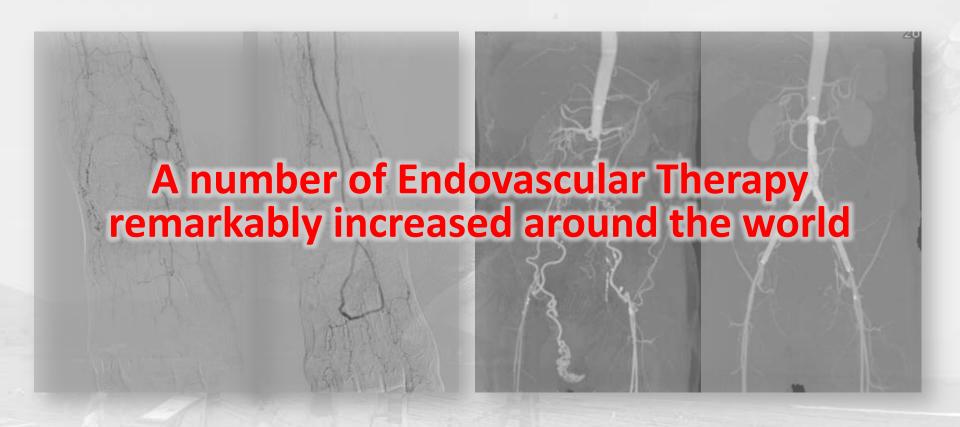
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Endovascular Procedures







What is the underlying reason?





arrival of aging society



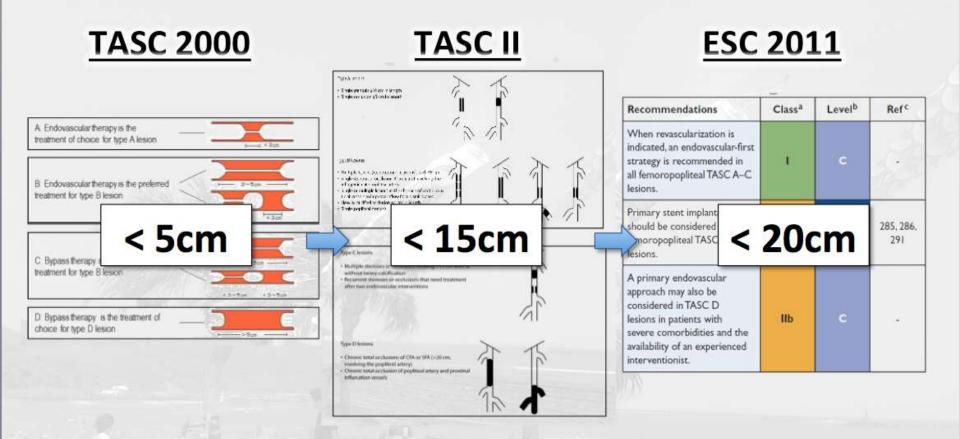
changing dietary habit

A number of PAD patient rapidly increased



Guideline is dramatically changed



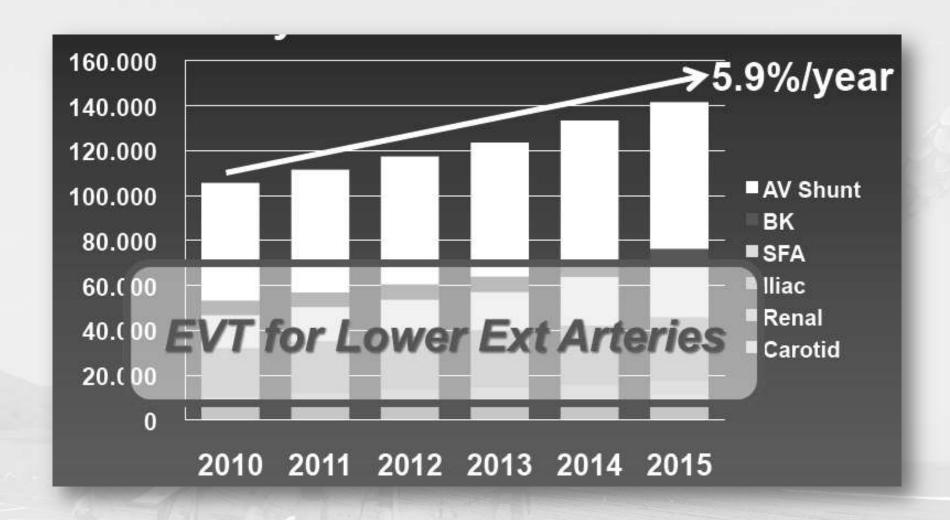


Long term patency after EVT has been increased



A Number of Japanese EVT



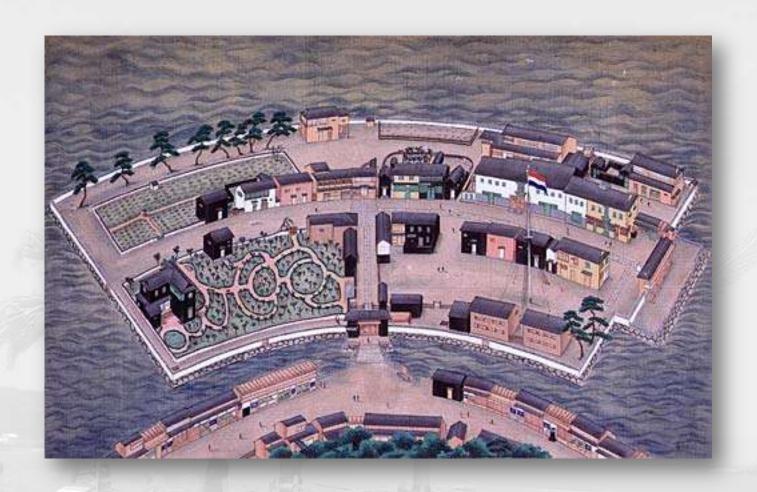


Number of endovascular therapy has been increased



Endovascular treatment in Japan





Similar to National isolations during Edo-Era



Device performance is important













Device lag caused two problems







Challenges of Japanese physicians

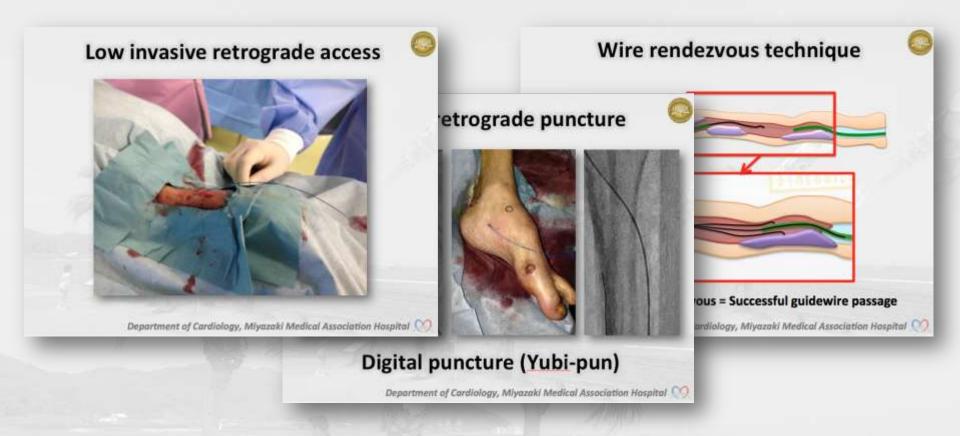






Thanks to these application



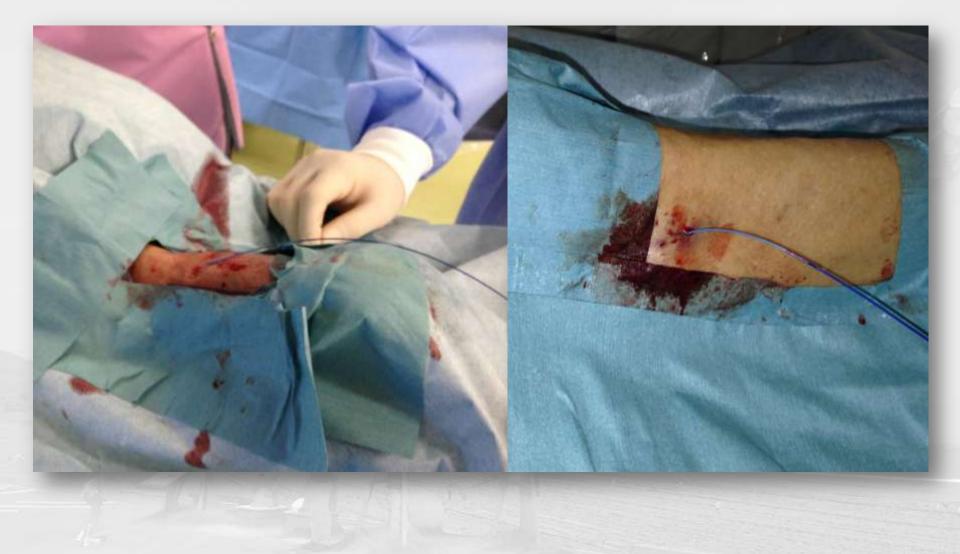


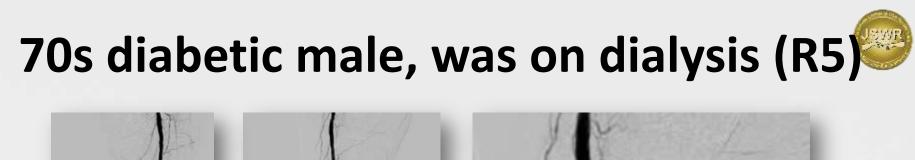
Many special techniques for negotiation of the "Device lag" have been developed

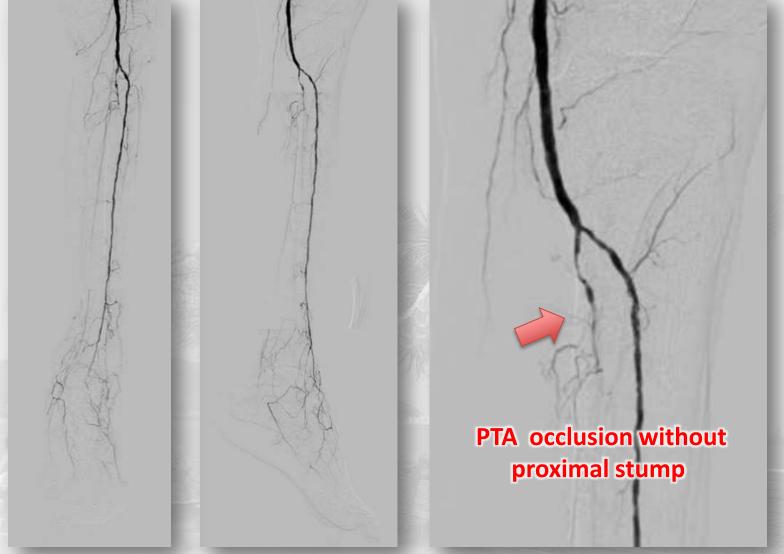


Low invasive retrograde access



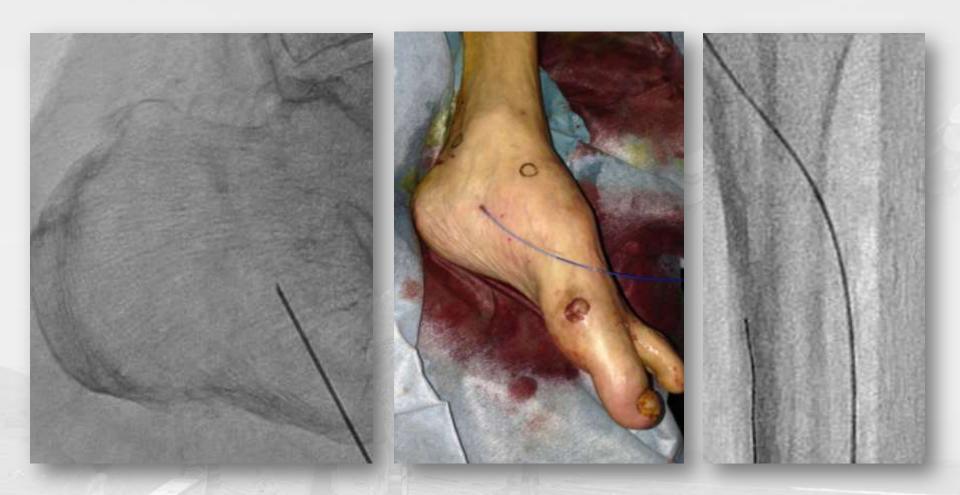








Extreme medial plantar artery puncture

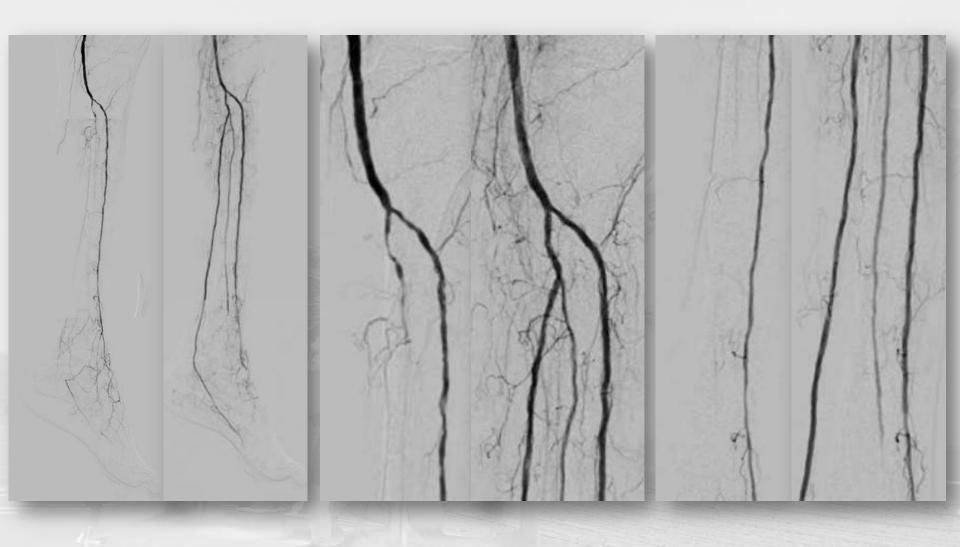


Medial plantar puncture (Soko-pun)



Final angiogram





80s diabetic female with CKD (R5)





Extreme retrograde access



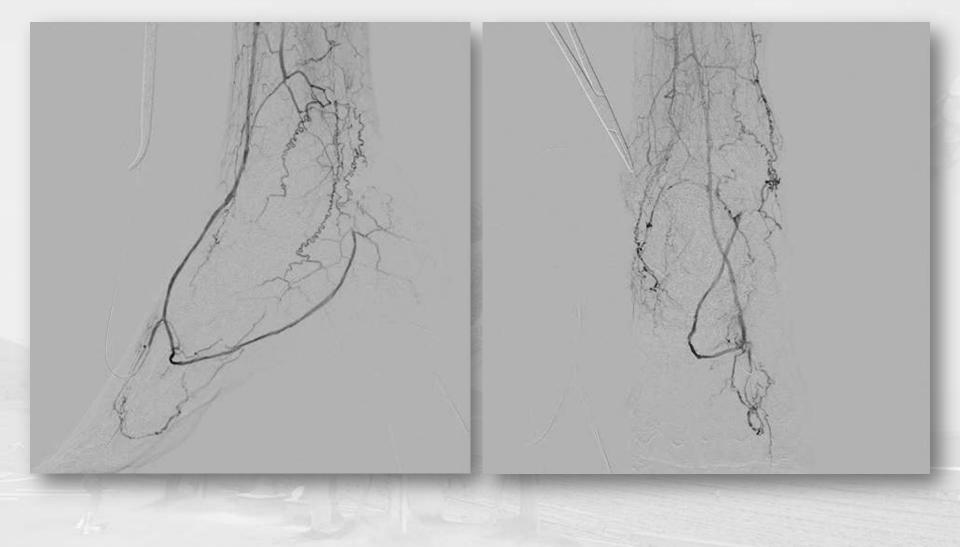


Metatarsal puncture (Yubi-pun)



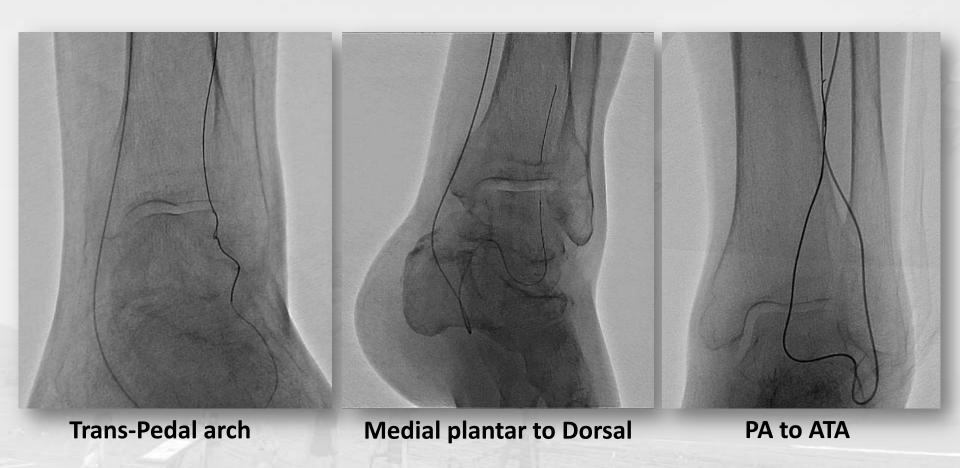


Sufficient flow for wound healing



Trans-collateral retrograde approach





Procedures for guidewire passage



1. Direct wire crossing (Kissing wire)

Opposite site guidewire and microcatheter is good landmark for wiring

2. Intraluminal to sub-intimal reconstitution

CART: Controled angegrade retrograde subintimal tracking Bi-lateral loop wire technique Double balloon technique

3. Wire rendezvous technique



Definition of the Wire rendezvous



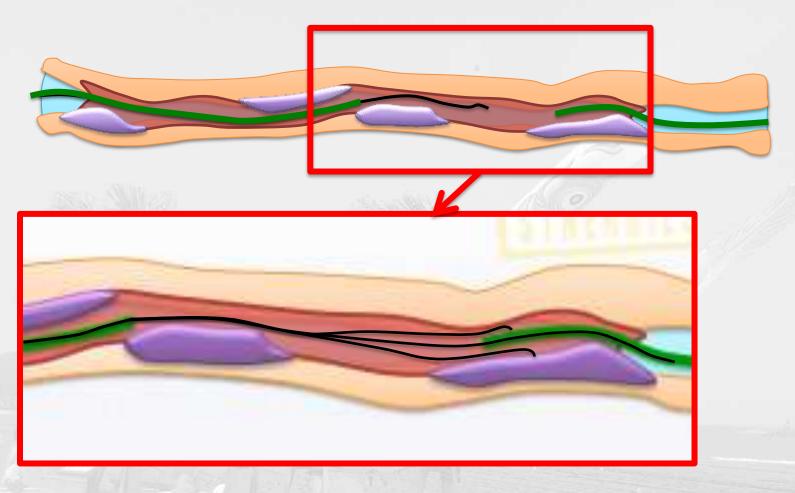


Intentional Guidewire advancing to opposite site microcatheter



Wire rendezvous technique





Successful wire rendezvous = Successful guidewire passage



Thanks to these special techniques...



From our institution (2013)



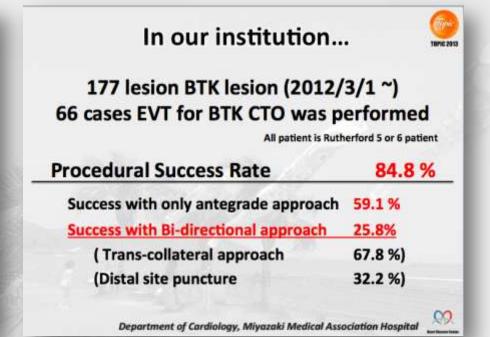
EVT for SFA-CTO: 43 cases

o Guidewire crossing success 42/43: 97.7 %

o Procedural success 40/43: 93.0 %

Procedural success rate of SFA-CTO: 81~94%, from TASC II

Department of Cardiology, Miyazaki Medical Association Hospital



initial success rate is quite satisfactory



Many of special crossing or reentry devices



is it truly necessary for our procedure?



We get a satisfaction

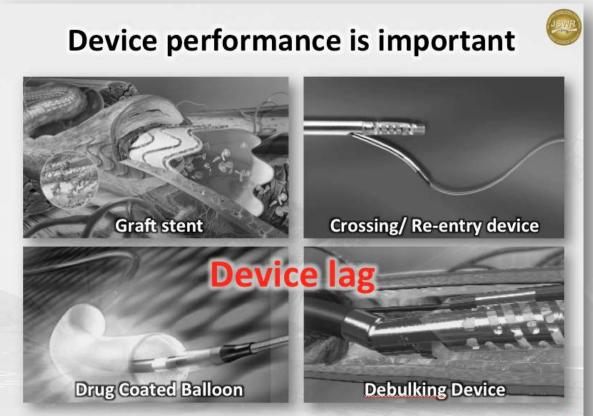




Evolutional history of a Galapagos islands



We did not advance beyond the "Device lag"



Long-term patency is highly depending on the device technology



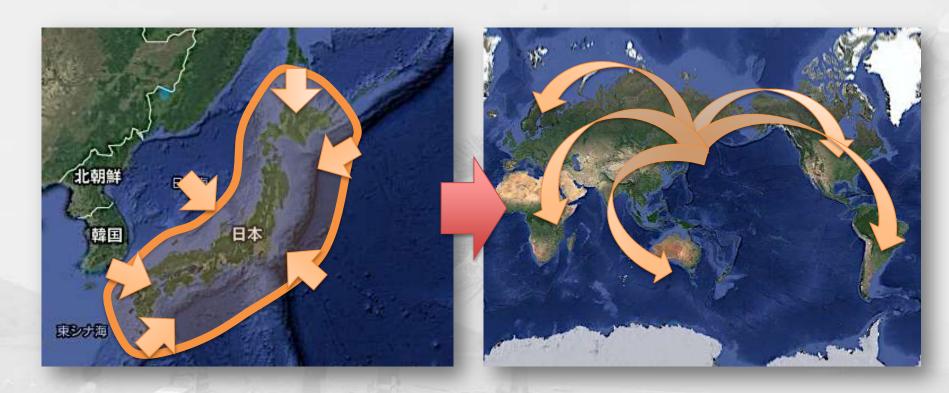
We already experienced same phenomenon



Do you know "Japanese mobile phone"?



Growing beyond the Galapagosization



We should shift our focus beyond the isolated islands



Final message



Growing beyond the Galapagosization

1. dissemination our techniques to the world

2. System development for new device Approval

3. Development new special devices from Japan

