Modern prosthetics, treatment and fitting after traumatic amputations

Marko Husić, Managing Director, OBA Adria Group
Ottobock Company Group
Who we are?

• World leader in Prosthetics
• Top 5 in wheelchairs and orthotics
• 9000 employees in over 50 countries
• Ottobock Adria – member of Ottobock company group
• Ottobock Adria: 56 employees, 18 orthopaedic technicians
My life after amputation

Holistic approach
Tretment cycle

Leg prosthesis

9 steps

Assessment
Therapy
Fitting
recommendation
Measurement
Production
Fitting
Rehabilitation
Quality check
Follow-up
Traumatic amputation

Reality

- Life-saving
- Amputations in the second plan
- Bad stumps
- Risk of infection
Our reality

Our goal?

- Working with „what we get”
- Reamputation ? – specialised surgeons
- Every stump has to get fitted
Our reality

Our goal?

- EVERY STUMP HAS TO GET FITTED
Early rehabilitation - preprosthetic

Very important

Basis for good and functional fitting

- Preserving muscle tonus
- Preserving ROM
- War zones rehabilitation – mostly non existent?
- Non-war areas with mines
Prosthesis
A tool in rehabilitation

- Socket
- Selection of components
- Alignment
- Esthetical look
Our team

......our strength......
Is prosthesis enough?
Rehabilitation and gait training

- New walking pattern
- Stump changes
- Increase in physical ability
- Teamwork and patient motivation
Our team

......our strength......
Fitting standards

Maximum is defined by a budget

- War and mine victims – usually higher standard
- Civil amputees standard defined by health insurance
Technological achievements

... rehabilitation achievements....
Otto Bock...

... and Paralympic Sports
Paralympics
Service partner since Seoul 1988
Thank you
For your attention
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