



**DIABETIC FOOT STUDY GROUP of the EASD
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DFSG SECRETARY
Eve Stamm

DIABETIC FOOT STUDY GROUP PROGRAMME

FRIDAY, 25. SEPTEMBER 2009

14:00 Welcome to

VIII. DFSG Meeting
Golf Hotel, Bled, Slovenia
V. URBANCIC-ROVAN, Slovenia and E. JUDE, Great Britain

ORAL PRESENTATIONS

INFECTION

Chairs : M. Edmonds (GB) and K. Van Acker (B)
(ORAL ABSTRACTS 1 - 6)

14:30 HOHNJEC M. et al. (SLO)

Diabetic foot infection and inflammatory markers - does it make sense?

14:45 ACHARYA S. et al. (GB)

Diabetic Foot Osteomyelitis can be successfully treated with antibiotics

15:00 DUBSKY. M et al. (CZ)

Main predictors for recurrence of diabetic foot ulcers: infection-related factors and diabetes control

15:15 REGEER M.V. et al. (NL)

Clindamycin resistant Staphylococcus aureus in diabetic foot ulcers in a multidisciplinary foot clinic

15:30 SCHINTLER M.V. et al. (A)

Pharmacokinetics of Fosfomycin measured by in vivo microdialysis in metatarsal bone of patients with osteomyelitis and diabetic foot infections.

15:45 LÖFFLER M. et al. (D)

Wound lactate concentration: a biochemical marker suitable for diagnosing soft tissue infection in diabetic foot ulcers?

16:00 -16:30 COFFEE/TEA BREAK/EXHIBITION

CHARCOT and BONE

Chairs: A. Jirkovská (CZ) and N. Petrova (GB)
(ORAL ABSTRACTS 7 -12)

16:30 PETROVA N.L. et al. (GB)

The role of the proinflammatory cytokine TNF- α in acute Charcot osteoarthropathy

16:45 UCCIOLI L. et al. (I)

Methods for Early Diagnosis of Charcot Foot

17:00 BATES M. et al. (GB)

Correction of deformity in the neuropathic foot including Charcot deformity leads to rapid healing of chronic ulcers in the diabetic foot

17:15 VAN BAAL J. (GB)

The mortality of patients presenting to a single specialist centre with acute Charcot foot is similar to a control group presenting with neuropathic foot ulceration.

17:30 PICKWELL K.M. et al (GB)

Is Charcot's disease a primarily inflammatory condition?

17:45 BEM R. (CZ)

New quantitative bone scan parameters for the assessment of bone turnover activity in patients with Charcot foot

18:00 - 19:00 EXECUTIVE COMMITTEE MEETING

19:30 WELCOME EVENT
in Bled Castle

SATURDAY, 26. SEPTEMBER 2009

06:45 onwards

Run for Diabetes
- Feet First -
Sponsored by NOVO NORDISK

09:00 WOUND HEALING, PATHOGENESIS and CARE
Chairs: R. Lobmann (D) and S. Rajbhandari (GB)
(Oral Abstracts 13 - 18)

09:00 EL-NAHAS M. et al. (Egypt) Effects of simulated minor leg-length discrepancy on plantar pressure distribution in diabetic patients with neuropathic foot ulceration

09:15 KATSAROS T. et al. (GR)

Can we find clinical features increasing the suspicion of malignancy in the diabetic foot?

09:30 JIRKOVSKA A. et al. (CZ)

First experience with different methods of stem cell therapy in patients with ischemic diabetic foot

09:45 LÖNDAHL M. et al. (S)

Beneficial effect of HBOT on healing of chronic foot ulcers in patients without critical ischemia

10:00 SERGIU-BOGDAN C. et al. (S)

HIF-1alpha is repressed in diabetes and it is an important pathogenic mechanism for diabetic ulcers

10:15 LAZARO-MARTINEZ J.L. et al. (E)

Clinical Results of a prevention model in a Podiatry Diabetic Foot Unit. A 5 years follow-up study

10:30 - 11:00 COFFEE/TEA BREAK/EXHIBITION

11:00 - 12:15

K C I SYMPOSIUM

Best Clinical Practice and Innovation of Diabetic Foot Wound Treatment

Welcome by Chairman Alberto Piaggese

Alberto Piaggese - Overview status current treatment of diabetic foot wounds and limb salvage

Stella Vig - Cost effectiveness in diabetic feet: Your responsibility!

Michael Schintler - Innovative treatment of Diabetic foot wounds with VAC Instillation therapy

Questions & answers

Summary - Alberto Piaggese

12:15 - 13:30

BUFFET LUNCH

**Focus Group - ADVANCED BIO HEALING
(by invitation only)**

13:30 - 14:15

ORAL POSTER PRESENTATIONS

**Posters OP1 to OP5 -also on poster boards-
(4 mins and 4 slides plus 4 mins discussion each).**

Chair: M. Edmonds (GB)

OP1 CASUCCI S. et al. (I)

Evaluation of Educational Attitude for Podiatrists involved in APORPIDIA (Identification of diabetic patient at risk of foot ulceration in outpatient population) study.

OP2 ARTS M.L.J. et al. (NL)

Reliability and validity of in-shoe plantar pressure data in diabetic patients: recommendations for use in clinical practice and research

OP3 GARCIA-MORALES E. et al. (E)

Complications associates to primary closure in surgical procedures in diabetic foot osteomyelitis

OP4 TENTOLOURIS N. et al. (GR)

The association between sudomotor dysfunction assessed by the indicator plaster Neuropad with foot ulceration in diabetes

OP5 GAME F. et al. (GB)

The prevalence of calcification of the pedal arteries in patients with disease of the foot in diabetes

14:15 - 15:30

**POSTER DISCUSSION I.
P1 to P31**

ANGIOPATHY

Chair: A. Korzon-Burakowska (PL)

P1 Mutluoglu M. et al. (TR) Is there an association between lower limb vascular calcification and amputation in diabetic patients with a foot wound ?

P2 Eleftheriadou I. et al. (GR) (Tentolouris presenting)
The effect of diabetic neuropathy on cutaneous circulation in patients with type 2 diabetes mellitus

P3 Bondarenko O. et al. (RUS)
Intensive Diagnostic and Interventional Strategy are Need in Diabetic Patients with Peripheral Arterial Disease.

P4 Begma I. et al. (RUS) (Gurieva presenting)
Modification of foot risk factors in the treatment of diabetic neuro-ischemic foot of risk

CHARCOT / NEUROPATHY

Chair: S. Rajbhandari (GB)

P5 Edmonds A. et al. (GB)
CT scans reveal the full extent of bone and joint damage of the Charcot foot

P6 Christensen T.M. et al. (DK)
Autonomic Neuropathy in Diabetes Patients with Charcot Osteoarthropathy

P7 Khramilin V.N. et al. (RUS)
Prevalence of diabetic polyneuropathy in nearly diagnosed type 2 diabetes mellitus.

P8 Yunus Y.M. et al. (GB)
Insensate foot of diabetic foot ulcer can have underlying silent neuropathic pain

P9 Woskova V. et al. (CZ)
Is Neuropad test also effective for mild neuropathy detection?

P10 Palanghi F. et al. (I)
Near -Infrared Photo Energy Therapy (Anodyne) could Reduce Diabetic Peripheral Neuropathic Pain

P11 Van Sloten T.T. et al. (NL)
Diabetic peripheral neuropathy, sarcopenia and obesity are important determinants of physical activity in type 2 diabetes

P12 Christensen T.M. et al. (DK)

Bone mineral density in diabetes mellitus patients with and without a Charcot foot

MANAGED CARE / EPIDEMIOLOGY I

Chair: K. Van Acker (B)

P13 Cheer K. et al. (GB)

A Study of Inpatient Care of Patients with Diabetic Foot Ulcers in a District General Hospital

P14 D'Ambrogi E. et al. (I)

Evaluation of risk factors for foot ulceration in a diabetic population attending outpatient podiatric clinics in Italy (APORPIDIA)

P15 Manes C. et al. (GR)

Factors related to outcome of foot ulcers in diabetic neuropathic patients

P16 Viadé J. et al. (E)

Diabetic foot ulcers: aetiological factors, complication with osteitis, treatment and evolution according to anatomical location.

P17 Skoutas D. et al. (GR)

Diabetic Foot in Northern Greece: 6-year-follow up (Multicentre Study)

P18 Soliman M.S. et al. (GB)

Younger females get more foot problems in Egypt in comparison to the UK

MANAGED CARE / EPIDEMIOLOGY II

Chair: E. Jude (GB)

P19 Komelyagina E.U. et al. (RUS)

The implementation of the integrated Diabetic Foot model in Moscow - is it effective?

P20 AhKion S. et al. (GB) (Dumont presenting)

Diabetic foot problems in Mauritius

P21 Veresiu I.A. et al. (Romania)

The predictive value of Neuropad® in patients with high risk for diabetic foot ulcerations

P22 Housely A. et al. (GB)

Intensive cardiovascular risk treatment is sub-optimal in patients with diabetic foot ulcers

P23 Tarigopula G. et al. (GB)

How appropriate and timely are referrals made to a tertiary diabetes foot clinic?

OFFLOADING / FOOT PRESSURE

Chair: C. Van Schie (NL)

P24 Yang L. et al. (CZ)

Comparison of dynamic plantar pressure in Type 2 diabetic patients between China and Czech Republic

P25 Lladó M. et al. (E)

Neuropathic diabetic foot: an easy-to-make offloading cast.

P26 Maliotou D. et al. (CY)

Effect of diabetes duration on plantar pressure distribution patterns

P27 Burns J. et al. (AUS)

Randomised trial of custom orthoses and footwear on foot pain and plantar pressure in diabetic peripheral arterial disease

P28 Abbas Z.G. et al. (TAN)

A Comparative Study of Outcomes of Patients With Diabetic Foot Lesions Managed with an Off-Loading Device, Dar es Salaam, Tanzania.

P29 Maximova N. et al. (RUS)

Clinical and economical aspects of off-loading methods in patients with diabetic foot.

P30 Katzman P. et al. (S)

Total contact cast is safe modality for offloading patients with Charcot

P31 Tsvetkova T. et al. (RUS)

Patients with unilateral Charcot foot: medial convexity deformity versus rocker bottom deformity

15:30 - 16:00

COFFEE/TEA BREAK/EXHIBITION

16:00 - 17:00

4 ORAL CASE REPORTS

Chairs: N. Schaper (NL) and A. Piaggese (I)

OCR 1 ECCLES K. et al (GB) This is not a Charcot foot

OCR 2 KONG M.-F. et al (GB) Osteomyelitis - conservative versus surgical management influenced by patient's lifestyle. A case study

OCR 3 RAJBHANDARI S.M. et al (GB) (Mis) Management of Painful Neuropathy of Diabetes

OCR 4 GERASIMENKO O. et al (RUS) Difficult Diagnostic Case of Lower Limb Pain Syndrome in Type 2 Diabetic Patient.

17:00 - 18:30

**Presentation of 4 top Orals and 4 top Posters
to be judged for prize giving
Chairs: A. Boulton (GB) and N. Schaper (NL)
O R A L S**

Prize O1 VAN BATTUM P. (NL)

Differences in minor amputation rates in European diabetic foot centres are largely explained by differences in disease severity at presentation

Prize O2 RICHARD J.-L. (F)

Impact of implementing guidelines on microbiology and costs of diabetic foot ulcers: A prospective study (2003-2007)

Prize O3 BEGG L. (AUS)

Optimising the offloading properties of the total contact cast

Prize O4 FEJFAROVA V. (CZ)

The course of long-term off-loading therapy by TCC and RCW in patients with more severe diabetic foot ulcers.

P O S T E R S

Prize P1 ERLANGSEN D. (DK)

Levels of Vitamin D (25(OH)D) in Patients With Chronic Wounds With and Without Diabetes

Prize P2 DA ROS R. (I)

Efficacy of ABI in screening of peripheral arterial disease in diabetic patient with and without neuropathy

Prize P3 WAAIJMAN R. (NL)

Association between peak pressure and pressure time integral in footwear studies on the diabetic foot: What is the need to report both variables?

Prize P4 PITHOVA P. (CZ)

Effect of chronic alprostadil therapy in patients with neuroischaemic diabetic foot

18:30 - 19:30

**BUSINESS Meeting and Assembly
voting for**

New Executive Committee Members

20:45

**GALA DINNER Grand Hotel Toplice, Bled
(with programme and dancing)**

SUNDAY, 27. SEPTEMBER 2009

AMPUTATION

**Chair: S. Morbach (D)
(Oral Abstracts 19 - 21)**

08.45 ABBAS Z.G. et al. (TAN)

The effectiveness of the "Step by Step" foot care project in reducing rates of amputation among persons with diabetes-associated foot ulcers, Dar es Salaam, Tanzania

09:00 GREEN T. et al. (USA)

Complications After Ankle Fracture Due to Diabetes Mellitus

09:15 ANICHINI R. et al. (I)

Diabetic foot disease and reduction of major amputations in Italy: results of an Italian 5-year study (2001-2005)

09:30 - 10:00

INTERNATIONAL WORKING GROUP on the DIABETIC FOOT IWGDF

Chairs: E. Jude (GB) and V. Urbančič-Rovan (SLO)

Speakers: K. Bakker (NL) - V. Urbančič -Rovan (SLO) - M. Van Putten (NL)

10.00 - 10:30

EUROPEAN DIABETIC FOOT REGISTER

Chairs: E. Jude (GB) and V. Urbančič-Rovan (SLO)

Speaker: M. Kennedy (GB)

10:30 - 11:00

COFFEE/TEA BREAK/EXHIBITION

NEUROPATHY

**Chair: Z.G. Abbas (TAN)
(ORAL ABSTRACTS 22 - 25)**

11:00 EDMONDS M.E. et al. (GB)

Serum levels of osteoprotegerin are raised in diabetic peripheral neuropathy and are significantly correlated with peripheral arterial calcification

11:15 PAPANAS N. et al. (GR)

Achilles Tendon Volume in Type 2 Diabetic Patients with or without Peripheral Neuropathy: MRI Study

11:30 VALABHJI J. et al. (GB)

Remote areas of bone marrow oedema identified by magnetic resonance imaging in feet of subjects with diabetes presenting with neuropathic lesions are common but do not predict future Charcot neuroarthropathy

11:45 TESIC D.S. et al (SER)

Association between the abnormal test of sudomotor function (Neuropad®) and markers on increased cardiovascular risk and the chronic complications of diabetes

12:00 - 13:00 TECHNICAL SYMPOSIUM

Miro

Polymem (Ferris Mfg. Corp)

Chairs: E. Jude (GB) and tbc

13:00 - 14:15 BUFFET LUNCH Focus Group AOTI (by invitation only)

14:15 - 15:30 POSTER DISCUSSION 2

PCR 1 to PCR 8

and

P32 to P53

8 POSTER CASE REPORTS

Chair: A. Piaggese (I)

PCR 1 TESIC D.S. et al (SER)

The Charcot Foot with bony destruction/ deformity is a part of adynamic bone: pro- for CDUK results concerning bisphosphonate therapy

PCR 2 WHALLEY A.M. et al. (GB)

Should we be testing for positive Rheumatoid factor in patients suspected of Charcot?

PCR 3 BERRINGTON R. et al. (GB)

How often does an ulcer have to reulcerate before considering surgery?

PCR 4 JEMMOTT T. et al. (GB)

Two toes- two diseases?

PCR 5 MALLEYJ.A. et al. (GB) (*Rajbhandari presenting*)

Drug interaction between simvastatin and sodium fusidate leading to Fatal Rhabdomyolysis in a patient with diabetic foot osteomyelitis.

PCR 6 PRZEZDZIAK M. et al. (P)

Charcot neuroarthropathy misdiagnosed and treated as osteomyelitis?

PCR 7 ZINK K. et al. (D)

Case Report of a Charcot Toe

PCR 8 VERE J. et al. (GB) (*Jude presenting*)

Wound Healing with the use of KFH Novo

P O S T E R S
P32 - P37
AMPUTATIONS
Chair: F. Game (GB)

P32 Pollard H. et al. (GB)

Foot care of haemodialysis patient is inadequate despite a higher prevalence of lower limb amputation

P33 Quintana Marrero Y. et al. (E)

High incidence of diabetes-related lower extremity amputations in Gran Canaria, Canary Islands (Spain)

P34 Xu Z. et al. (PR China)

Which factors were more important in deteriorating from the diabetic ulcers to amputation?

P35 Frangež I. et al. (SLO)

Our experiences with the lower limb amputation in the diabetic patients

P36 Muñiz M. et al. (E)

Diabetic foot osteomyelitis. Clinical and microbiological characteristics and prognosis after one year of follow up. Preliminary results.

P37 Da Ros R. et al. (I)

Surgical treatment of fifth metatarso-phalangeal joint osteomyelitis

WOUND HEALING / NOVEL THERAPIES
Chair: V. Urbančič-Rovan (SLO)

P38 Udovichenko O. et al. (RUS)

A randomized study of Biatain foam vs. gauze dressing in diabetic foot ulcers

P39 WITHDRAWN

P40 Holstein P.E. et al. (DK)

Verrucous hyperplasia in high risk diabetic feet treated with combined topical 5-fluorouracil and vitamin D-3 application

P41 Tretjakovs P. et al. (Latvia)

Alterations of matrix metalloproteinase-9, transforming growth factor-beta1, plasminogen activator inhibitor-1 and vasomotor responses in insulin resistant patients with diabetic polyneuropathy

P42 Popescu R. M. et al. (Romania)

Diabetic foot - morphological study

INFECTION

Chair: A. Jirkovská (CZ)

P43 Schintler M.V. et al. (A)

The Impact of VAC- Instill™ in Severe Diabetic Foot Infections

P44 Georga S. et al. (GR)

Diabetic foot osteomyelitis: monitoring response to antibiotic treatment by labelled leucocyte scintigraphy

P45 Grachova T. et al. (RUS)

Fluoroquinolone vs cephalosporine. From what to begin?

P46 Dhatariya K. et al. (GB)

Development of a Rationalized Antibiotic Protocol for Inpatient and Outpatient Use in a Tertiary Diabetic Foot Clinic

P47 Urbančič-Rovan V. et al. (SLO)

Antibiotic susceptibility patterns among isolates from infected diabetic foot ulcers through 5 years

P48 Gorobeiko M. et al. (Ukr)

Estimation of different methods of topical treatment of infected wounds in cases of syndrome of diabetic foot (SDF) using PEDIS classification.

P49 Krivikhin T. et al. (RUS)

(Parhimovich presenting)

Infected diabetic foot: additional surgical approach to stop the widespread suppurative process to tibia

P50 Forth R. et al. (GB)

Predictive Factors and outcomes of Diabetic Foot Ulcers

P51 Aragón Sánchez FJ et al. (E)

Moderate/severe foot infections in diabetic patients with distal palpable pulses. Ten years experience in a single center

P52 WITHDRAWN

P53 Tęcza S. et al. (PL)

Most frequent bacterial isolates in diabetic foot infections in diabetic patients treated in diabetic foot clinic at Medical University in Gdańsk in 2008

15 :30 - 16 :00 COFFEE/TEA BREAK/EXHIBITION

16 :00 - 16 :45

ORAL POSTER PRESENTATION
OP6 - OP9
Chair: N. Schaper (NL)

OP6 SVIRIDOV N.V. et al. (Ukr)

Stimulation of wound healing in cases of Syndrome of Diabetic Foot

OP7 WILLIAMS J.R. et al. (USA)

There a Correlation of Positive Methicillin Resistant Staphylococcus Aureus Nasal Swabs with Diabetic Foot Infections?

OP8 PARISI C. et al (BR)

The full weight-bearing walker brace is a safe treatment for stage I and stage II foot Charcot arthropathy in diabetic patients

OP9 WITHDRAWN

16:45

CAKE and WINE

Evening - short meeting of New Executive Committee

EVENING FREE

MONDAY, 28. SEPTEMBER 2009

End of conference - we wish you a very safe onward journey or journey home
Shuttle bus service to Ljubljana railway station and / or airport