

DIABETIC FOOT STUDY GROUP PROGRAMME

Thursday, 11. September 2008

15:30 WELCOME to

**DFSG Meeting VII
Il Ciocco, Castelveccchio Pascoli, Italy
A. PIAGGESI, Italy and S. MORBACH, Germany**

ORAL PRESENTATIONS

WOUND HEALING

**Chairs: A. Piaggese (I) and V. Urbančič-Rovan (SLO)
(Oral Abstracts 1 - 6)**

15:45 JEFFCOATE W. et al. (GB)

Randomised Controlled Trial of Dressings in the Management of Diabetic Foot Ulcers

16:00 GORETTI C. et al. (I)

Efficacy and Safety of a Novel Super-Oxidized Solution (SOS) in Managing Post-Surgical Lesions of the Diabetic Foot - A Prospective, Randomized Clinical Trial

16:15 BRISKIN B.S. et al. (RUS)

Low-frequency ultrasonic wound treatment of necrotic and infected wounds of the lower limbs in diabetic patients.

16:30 BECKERT S. et al. (D)

Impact of Factor-XIII val34leu-polymorphism on healing of diabetic foot ulcers

16:45 LEBEDEVA J.V. et al. (RUS)

Five-fluorouracil improves skin graft take in patients with diabetic foot syndrome.

17:00 LOBMANN R. et al. (D)

Connexin mimetic peptide Gap27 accelerates wound healing in ex-vivo wound healing models, enhances the proliferation and migration of human fibroblasts and keratinocytes but has no effect on the migration of human keratinocytes from diabetic origin

INFECTION

**Chairs: J.-L. Richard (F) and W. Jeffcoate (GB)
(Oral Abstracts 7 - 12)**

17:15 VAN BATTUM et al. (NL)

CRP as a marker for infection in diabetic foot ulcers

17:30 MISKINA N.A. et al. (RUS)

Autoantibodies to different types of collagen may be the probable reason of chronic inflammation in type 2 diabetic foot patients

17:45 RYDEN C. et al (S)

Antibody Production to S. Aureus Bone Sialoprotein Binding Protein Reflects Osteomyelitis in Diabetic Foot Ulcers

18:00 MUSGROVE A. et al. (GB)

The changing face of MRSA in the diabetic foot clinic - an analysis of 5 years experience.

18:15 LO S.T. et al. (GB)

MRSA Infection can be reduced in Diabetic Foot Clinic

18:30 ARAGÓN SÁNCHEZ F.J. et al. (E)

Necrotizing soft tissue diabetic foot infections. Our experience in 116 consecutive patients.

20:00 W E L C O M E D I N N E R

Friday, 12. September 2008

CHARCOT

Chairs: A. Jirkovská (CZ) and E. Jude (GB)
(Oral Abstracts 13 - 19)

08:30 PIENIAZEK K. et al. (PL)

Evaluation of the OPG gene polymorphisms and serum levels of osteoprotegerin in Charcot arthropathy: A pilot study

08:45 YAROSLAVTSEVA M.V. et al. (RUS)

The role of osteoprotegerin (OPG), receptor activator of nuclear factor-KB ligand (RANKL) in patients with diabetic osteoarthropathy and medial arterial calcification of the legs

09:00 EDMONDS M.E. et al. (GB)

The acute Charcot foot is characterised by increased proinflammatory cytokines, TNF-alpha and IL-6, which correlate with its pathological bone turnover

09:15 PETROVA N.L. et al. (GB)

Increased percentage of CD14+ monocytes in acute Charcot osteoarthropathy

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

The difference in bone density between Type 1 and non-obese Type 2 diabetic patients with Charcot neuro-osteoarthropathy

09:45 TEDESCHI A. et al. (I)

Effectiveness of frequency-modulated electromagnetic neural stimulation (FREMS) in the treatment of the acute phase of Charcot's neuroarthropathy (DNOAP)

10:00 GAME F.L. et al. (GB)

CDUK: a UK-wide, web-based survey of the management of the acute Charcot foot of diabetes

10:15 - 11:00 COFFEE/TEA BREAK

11:00 - 11:30

Chairs: E Jude (GB) and S. Morbach (D)

THE DFSG 10th ANNIVERSARY SESSION

Speakers: A. Boulton (GB) and M. Edmonds (GB)

ISCHAEMIA

Chairs: C. Caravaggi (I) and H. Lawall (D)

(Oral Abstracts 20 - 22)

11:30 DA ROS R. et al. (I)

Screening of peripheral arterial disease in asymptomatic diabetic patients

11:45 KÜPER M. et al. (D)

Is the daily routine measurement of transcutaneous tissue oxygen tension (tcpO₂) a helpful tool in estimating the risk for non-healing in diabetic patients with non-palpable pedal pulses without chances for revascularization?

12:00 UCCIOLI L. et al. (I)

Prostaciclyn Analogue (PGI₂) Infusion is able to Early Differentiate Successful from Unsuccessful Lower Limb Angioplasty in Diabetic Patients

12:15 - 13:15 SPONSORED SYMPOSIUM by KCI

13:15 - 14:30 L U N C H

13:15 - 14:15 FOCUS GROUP: Medac

14:30 - 15:45

POSTER SESSION A

(P 1 - P 32)

ANGIOPATHY

Chair: H. Lawall (D)

P1 Woskova V. et al. (PL)

Is ankle-brachial pressure index sufficient test for indication of percutaneous transluminal angioplasty in patients with diabetic foot ulcers?

P2 Giurato L. et al. (I)

PVD and Limb Salvage: Five Years Follow Up in a Third Level Diabetic Foot Clinic

P3 Scatena A. et al. (I)

Critical Limb Ischaemia (CLI) in Diabetic Patients is Associated with Multi-Districtual Macroangiopathy but not with Micro-Angiopathy

P4 Bruce G. et al. (GB)

Effects of Hyperbaric Oxygen on Transcutaneous Oxygen Measurement < Vibration Perception and Resolution of Foot Ulcers over a Three Month Period

P5 Han S-K. et al. (ROK)

Can Macrocirculation Changes Predict Non-Healing Diabetic Foot Ulcers?

P6 Urbančič-Rovan V. et al. (SLO)

Low-energy laser irradiation influences microcirculation in diabetic foot ulcers

CHARCOT

Chair: A. Jirkovska (CZ)

P7 Jemmott T. et al. (GB)

Proinflammatory cytokines and high sensitivity C-reactive protein to monitor disease activity in acute Charcot feet

P8 Tsvetkova T. et al. (RUS)

Patients with unilateral Charcot foot: affected versus unaffected foot comparison

P9 Baker N.R. et al. (GB)

The importance of a good blood supply in development of Charcot Neuro-arthropathy: Charcot neuro-arthropathy following bypass surgery in both limbs.

P10 Lazaro Martinez J.L. et al. (E)

Goniometrics XR values comparative study of the diabetic patient's feet with and without neuropathy

P11 Burgwal H. et al. (D)

Clinical gait analysis of Patients with the Charcot Foot

INFECTION

Chair: E. Jude (GB)

P12 Georga S. et al. (GR)

Differential diagnosis of osteomyelitis in the complicated diabetic foot: value of inflammatory blood markers, radiography and radionuclide methods

P13 Abbas Z.G. et al. (EAT)

The Utility of Gram Stains and Culture in the Management of Limb Ulcers in Persons with Diabetes, Dar es Salaam, Tanzania

P14 Mrozikiewicz-Rakowska B. et al. (PL)

Retrospective microbiological analysis of wound infections in diabetic foot syndrome

P15 Jabeen F. et al. (GB)

Infected Diabetic Foot Ulcers: A Review of Specimen Collection and the Microbiological Spectrum

P16 Privolnev V.V. et al. (RUS)

Evaluation of initial antimicrobial treatment of diabetic foot infection in a regional hospital in Russia.

P17 Collina M.C. et al. (I)

Candida krusei infection as a main prognostic factor in hemodialytic patients affected by diabetic foot ulcers

WOUND CARE

Chair: R. Lobmann (D)

P18 Lazaro Martinez J.L. et al. (E)

Randomized Comparative Trial of a Collagen/Oxidized Regenerated Cellulose Dressing in the Treatment of the Neuropathic Diabetic Foot Ulcer

P19 Dubsy M. et al. (CZ)

Assesment of Acellular porcine dermis as a new local treatment of diabetic foot ulcers

P20 Strakhova G. et al. (RUS)

The effectiveness of Promogran in the treatment of neuropathic foot ulcers in diabetic patients with nephropathy.

P21 Valentova Z. et al. (RUS)

The effect of the chitosan-glucan complex on healing process of excisional wounds in healthy and streptozotocin-induced diabetic rats.

P22 Jude E.B. et al. (GB)

An Open-Label Study of Allogeneic Fibroblasts in the Treatment of Chronic Neuropathic Diabetic Foot Ulcers

P23 Löndahl M. et al. (S)

Hyperbaric Oxygen Therapy as adjunctive treatment of chronic diabetic foot ulcers -results from a prospective randomized double-blind study

OFF-LOADING

Chair: C. van Schie (NL)

P24 Dumont I. et al. (B)

The Ransart Boot. An offloading device for every type of Diabetic Foot Ulcer (DFU)?

P25 Berry M. et al. (GB)

Healing Heel Ulcers: the less is more approach to casting

P26 Bus S. et al. (NL)

The efficacy of a removable vacuum cast replacement system in reducing plantar forefoot pressures in diabetic patients

P27 Stuart L. et al. (GB)

The Manchester 'Martini' Cast - any time, any place, anywhere!

P28 Maliotou D. et al. (CY)

Individual approach to off-loading in patients with diabetes mellitus

SURGERY/ ULCERATION

Chair: A. Piaggese (I)

P29 Kamalov T. et al. (UZ)

Surgical treatment of diabetic foot syndrome

P30 Berrington R. et al. (GB)

What are the factors causing reulceration in the diabetic foot?

P31 Ruotolo V. et al. (I)

Healing Rate And Prediction Of Wound Healing Time In Diabetic Foot Ulcers In A Cohort Of Outpatients Presenting To A Tertiary Care Diabetic Foot Clinic

P32 Matricali G.A. et al. (B)

Rigid hallux valgus correction to reduce detrimental plantar pressures causing a recurrent malum perforans

P33 - poster withdrawn -

15:45 - 16:45

ORAL POSTER SESSION

Chairs: A. Boulton (GB) and M. Spraul (D)
(OP 1 - OP 8)

OP1 UDOVICHENKO O et al. (RUS)

Understanding real prevalence of diabetic foot ulcers and amputations in Russia and possible causes of its underestimation in epidemiologic studies

OP2 DE BELLIS A. et al. (I)

The impact of the "shared care" of diabetic foot in lower limb amputation risk reduction

OP3 JEFFCOATE W. et al. (GB)

Evaluation of education in the secondary prevention of foot ulcers in people with diabetes

OP4 NUTTALL G.H. et al. (GB)

A Diabetic Foot Ulcer Is Preventable; Does the Cost Justify the Means?

OP5 BANCHELLINI E. et al. (I)

Nanotechnologies for the Management of Pre-ulcerative Conditions in the Diabetic Foot

OP6 MOKHTARI I. et al. (IR)

The role of physical therapy interventions, exercise and insole on prevention of diabetic foot complication

OP7 PAPANAS N. et al. (GR)

Foot Temperature in Type 2 Diabetic Patients with or without Peripheral Neuropathy

OP8 CURCI V. et al. (I)

Feasibility and sensitivity of ankle-pressure and foot oxymetry values for the detection of critical limb ischemia in diabetic patients.

16:45 - 17:15 COFFEE/TEA BREAK

17:15 - 17:45

Chairs: V. Urbančič-Rovan (SLO) and A. Foster (GB)

IWGDF Working Group on Diabetic Foot Care Education (DFCE):

Launch of a Curriculum for Diabetic Foot Care Assistants

Speakers: M. van Putten (NL) and S. Tulley (Saudi Arabia)

18:00 Executive Committee Meeting

20:00 GALA DINNER

Saturday, 13. September 2008

OUTCOME AND PREVENTION

Chairs: K. Bakker (NL) and D. Armstrong (USA)
(Oral Abstracts 23 - 29)

08:30 VARGA M. et al. (CZ)

Analysis of metatarsophalangeal joint resection in patients with diabetic foot in regards to transmetatarsal amputation.

08:45 CLERICI G. et al. (I)

Long-term prognosis of diabetic patients with critical limb ischemia: data of a cohort study of 554 diabetic patients followed for 6-years.

09:00 BREGOVSKIY V. et al (RUS)

Risk factors of recurrent diabetic foot ulcers: results of 6-year follow-up study.

09:15 RIZZO L. et al. (I)

A Structured Follow-up Reduces the Incidence of Recurrences in High Risk Diabetic Foot Patients: A Prospective Study

09:30 KÖHLER G. et al. (A)

Evaluation of the impact of chiropodist care in the secondary prevention of foot ulcerations in diabetic subjects over a period of 6 years in Austria

09:45 JONASSON J.M. et al. (S)

Diabetes related lower extremity amputations in Sweden before and after implementation of a consensus program for the prevention of the diabetic foot - A population-based cohort study

10:00 ANICHINI R. et al. (I)

The improvement of diabetic foot care in Tuscany results in amputation reduction

10:15 - 11:00 COFFEE/TEA BREAK

11:00 - 12:00

ORAL POSTER SESSION

**Chairs: E.Jude (GB) and K. van Acker (B)
(OP 9 - OP 15)**

OP9 BUBLIK E. et al. (RUS)

Prospective study of dialysis patients in three dialysis centers

OP10 HOHNJEC M. et al. (SLO)

Inflammatory markers in infected diabetic foot ulcers

OP11 FEJFAROVA V. et al. (CZ)

The occurrence of resistant pathogens and it´s effect on clinical end-points in patients with the diabetic foot.

OP12 BÉM R. et al. (CZ)

Effect of maggot debridement therapy on diabetic foot infection

OP13 FABBI M. et al. (I)

Safety and efficacy of a dermal substitute in the coverage of cancellous bone after surgical debridement for severe diabetic foot infection

OP14 CARAVAGGI C. et al. (I)

Midfoot fusion in treatment of severe deformity and joint instability of the midfoot in Charcot neuroarthropaty

OP15 KANADE R.V. et al. (GB)

Gait velocity: A potential index of functional outcome in patients with diabetic foot complications

12:00 - 13:30

TECHNICAL INNOVATIONS SYMPOSIUM
Chairs: A. Piaggese (I) and S. Morbach (D)

13:30 -14:45

L U N C H

13:30 -14:30

FOCUS GROUP: S&N

14:45 -16:00

POSTER SESSION B
(P 34 - P 65)

VASCULAR INTERVENTIONS

Chair: C. Caravaggi (I)

P34 Da Ros R. et al. (I)

Effect of revascularization on trans-metatarsal amputation healing in diabetic ischemic foot

P35 Caminiti M. et al. (I)

Advantage of peripheral angioplasty in diabetic patients with failing bypass graft or residual critical ischemia after bypass graft

P36 Ferraresi R. et al. (I)

Limb salvage in ischemic diabetic foot: long-term outcomes of successful, isolated below-knee endovascular procedures

P37 Liistro F. et al. (I)

Percutaneous Peripheral Interventions In Diabetic Patients With Critical Limb Ischemia

P38 Eroshenko A. et al. (RUS)

The use of PTA in multisegmental type of arterial lesions in diabetic foot patients.

FOOT CLINICS

Chair: K. van Acker (B)

P39 Housley A. et al. (GB)

Induction and Training of Locum Podiatrist is Essential to Maintain High Standard of Diabetes Foot Screening

P40 Abbas Z.G. et al. (EAT)

The spectrum of lower extremity disease on a single day in Tanzania

P41 Andersson K. et al. (S)

Establishment of a multidisciplinary foot clinic: Patient characteristics and outcome regarding healing and amputation.

P42 Xu Z. et al. (PR China)

Analysis on the medical cost of diabetic patients with foot problems and peripheral artery disease.

P43 Wang A-H. et al. (PR China)

A multi-center survey on the diabetic foot and medical economics in China

P44 Kahal H. et al. (GB)

Patient and ulcer outcomes in the foot clinic: A 2 year follow-up study.

P45 Hochlenert D. et al. (D)

Treatment of Patients with Diabetic Foot Syndrome in a Network

PREVENTION / EPIDEMIOLOGY

Chair: F. Game (GB)

P46 Kamalifard M. et al. (IR)

Preventing Diabetic Foot Ulcer Recurrence in High-Risk Patients with Shift Work - Implementation programme for work place

P47 Bal A. et al. (IND)

Resource and Cadre creation for Primary and Secondary Prevention of Diabetic Foot Ulcers in India: Experience of 7 Years.

P48 Papanas N. et al. (GR)

Neuropathic vs. Neuroischaemic Diabetic Foot in a Specialised Centre: Survival of the Fittest?

P49 Hazenberg C.E.V.B et al. (NL)

Development of a system for the scanning of the diabetic foot in the home-environment: a validity and reproducibility study

P50 Tesic D.S. et al. (SER)

People who have more proximal leg artery occlusion in type 2 diabetes are attracted to shorter life duration: 10 years follow up study

P51 Methova N. et al. (RUS)

Prevalence of risk factors of diabetic foot ulcers in the North-West region of Russia

FOOTWEAR / PLANTAR PRESSURES

Chair: D. G. Armstrong (USA)

P52 van Schie C. et al. (NL)

The effect of joint mobility on plantar pressures and walking capacity in diabetic patients with and without previous foot ulceration.

P53 Rajput B. et al. (GB)

Beyond Pressure...The Possible Role of Muscle Dysfunction in Diabetic Foot Ulceration

P54 Wegener C. et al. (AUS)

Relationship between foot structure and duration of Diabetes Mellitus

P55 Šibová B. et al. (CZ)

Study of the shod feet of type 2 diabetics in relation to their footwear

P56 Chmelarova M. et al. (RU)

Foot Form in Children with and without Diabetes Mellitus Type 1

P57 Parisi C. et al. (I)

Clinical evaluation of metatarsalgia in diabetic subjects using rigid rocker-bottom outsole shoes

P58 von Lilienfeld Toal H. et al. (D)

The „smart sock“: a diagnostic instrument to evaluate pressure distribution of the complete circumference of the foot inside a shoe

AMPUTATION / MISCELLANEOUS

Chair: V. Urbančič-Rovan (SLO)

P59 Jonasson J.M. et al. (S)

Risk of non-trauma lower extremity amputation in patients with type 1 diabetes - a population-based cohort study in Sweden

P60 Pashchina S.N. et al. (RUS)

The Follow-up Study of Diabetic Foot Patients Undergone Minor Amputations

P61 Viswanathan V. et al. (IND)

Comparison of Post Amputation Outcome in Type 2 Diabetic Patients from Three Developing Countries

P62 Svensson H. et al. (S)

Outcome of 410 foot amputations in patients with diabetes

P63 Bates M. et al. (GB)

Anaemia in diabetic foot patients - a forgotten complication

P64 Hoefield R. et al. (GB)

Peritoneal Dialysis is associated with decreased risk factors for foot ulceration in subjects with Diabetic End Stage Renal Disease

P65 Hawke F. et al. (GB)

Translating research to practice: systematic reviews for the diabetic foot

PRESSURE

Chairs: C. van Schie (NL)
(Oral Abstracts 30 - 32)

16:00 GIACOMOZZI C. et al. (I)

Skin hydration and tangential stress in neuropathic diabetic patients

16:15 MACCHIARINI S. et al. (I)

Effectiveness and Costs of a Novel off-the-shelf Irremovable Device in the Management of Neuropathic Ulceration of the Diabetic Foot - a Prospective Randomized Trial

16:30 SCIRE V. et al. (I)

Effectiveness and Safety of Using a Digital Silicone Padding in the Primary Prevention of Neuropathic Lesions in the Forefoot of Diabetic Patients

16:45 - 17:15 COFFEE/TEA BREAK

17:15 - 18:30 GENERAL ASSEMBLY

Business Meeting OF DFSG and Elections

18:45 New Executive Committee Meeting

EVENING FREE

Sunday, 14. September 2008

End of Conference

Shuttle bus transfer to Pisa railway station and airport.

Have a safe journey home !