



# Diabetes Complications Congress 2018



Hyderabad, India - 25-27 October

## PROGRAMME BOOK



[www.idf.org/hyderabad2018](http://www.idf.org/hyderabad2018)









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### Diabetes Complications Congress 2018



Hyderabad, India - 25-27 October

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Disclaimer: The content of this publication reflects the situation at the time of printing and may be subject to change. The organiser cannot be held liable for any inconvenience resulting from these changes.

# WELCOME TO THE IDF DIABETES COMPLICATIONS CONGRESS 2018

It is with great pleasure that we welcome you to the IDF Diabetes Complications Congress 2018, the first in a new series of live educational events developed by the International Diabetes Federation to tackle the issues around diabetes complications.

**Diabetes currently affects 425 million adults**, a total that is set to reach **629 million by 2045**. When not appropriately managed, all types of diabetes can result in complications affecting many parts of the body, leading to frequent hospitalisation and early death.

Diabetes is one of the leading causes of **cardiovascular disease**, with one out of four diabetes inpatient costs a consequence of cardiovascular complications. **Diabetic retinopathy** is the leading cause of vision loss in working-age adults. The prevalence of **end-stage renal disease** is up to ten times higher in people with diabetes. Pregnant women with diabetes are at increased risk of **maternal and foetal complications**. **Losing a limb** is one of the most feared complications of diabetes and a major medical problem worldwide.

**India**, home to the **second largest number of diabetes cases** (73 million in 2017), is the ideal setting for IDF 2018. With over half of people currently living with diabetes in the country estimated to be undiagnosed, there is urgency to increase awareness and knowledge of diabetes and its associated complications among healthcare professionals to promote screening and early diagnosis to improve health outcomes and help save lives.

The IDF Congress 2018 features over 100 invited speakers from around the world and a dynamic programme, spread over nine streams, that provides the latest research, treatments and tools to limit and treat diabetes complications. The congress has been accredited with 15 European CME credits.

We look forward to an inspirational educational event that will help shape a better future for people affected by diabetes.



Professor Nam H. Cho  
President, IDF



Dr Shaukat Sadikot  
Chair, Organising Committee



Dr Ammar Ibrahim  
Chair, Programme Committee



Dr Banshi Saboo  
Chair, National Advisory Committee









**International  
Diabetes  
Federation**

## **THE INTERNATIONAL DIABETES FEDERATION**

The International Diabetes Federation is an umbrella organisation of over 240 national diabetes associations in 170 countries and territories. It represents the interests of the growing number of people with diabetes and those at risk. The federation has been leading the global diabetes community since 1950. IDF's mission is to promote diabetes care, prevention and a cure worldwide. For more information please visit [www.idf.org](http://www.idf.org)

IDF | Promoting diabetes care, prevention  
and a cure worldwide.



# CONGRESS-AT-A-GLANCE

	Thursday 25 October	Friday 26 October	Saturday 27 October	
07.00		Satellite Symposia	Satellite Symposia	07.00
08.30		Break	Break	08.30
09.00	Registration	Plenary Lectures	Plenary Lectures	09.00
10.15		Scientific Sessions	Scientific Sessions	10.15
11.15		Tea/coffee break	Tea/coffee break	11.15
11.30		Scientific Sessions	Scientific Sessions	11.30
12.30				12.30
13.00	Lunch	Lunch / Posters / Satellite Symposia	Lunch / Posters / Satellite Symposia	13.00
14.00	Scientific Sessions			14.00
14.30		Scientific Sessions	Scientific Sessions	14.30
15.15	Scientific Sessions	15.15		
15.45	Tea/coffee break	Scientific Sessions		15.45
16.00	Scientific Sessions			16.00
16.15		Tea/coffee break	Tea/coffee break	16.15
16.30			Closing Ceremony	16.30
17.00		Scientific Sessions		17.00
17.15	Scientific Sessions			17.15
17.45		Plenary Lectures		17.45
18.30	Presidential Oration			18.30
19.00	Satellite Symposia	Satellite Symposia		19.00
21.00				21.00

# LEARNING OBJECTIVES

## Diabetes Complications

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### Stream Description

This stream deals with general aspects of common and rarer diabetic complications, the latest research into these complications and up-to-date prevention politics and treatments.

### Learning Objectives

After attending a session in the *Diabetes Complications* stream the participant will be able to:

- Understand the epidemiology, pathophysiology, diagnosis, prevention and treatment of the complication developed in the session
- Decide how to individualise the diagnostic, prevention and treatment tools in the setting where they operates as healthcare practitioner
- Define the appropriate moment to refer the patient to a level of greater complexity

## Diabetic Foot

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### Stream Description

This stream deals with general aspects of the diabetic foot as well as the epidemiology and public health challenges presented by the condition. It also focuses on education and care needed for management and prevention of diabetic foot.

### Learning Objectives

After attending a session in the *Diabetic Foot* stream the participant will be able to:

- Identify the importance of prevention of diabetic foot and to be able to detect the risk factors for it
- Understand the latest innovations in diabetic foot treatment
- Better understand the impact of diabetic foot problems on patients, their families and on the healthcare system
- Use available resources to improve the outcome of patients with diabetic foot
- Correctly plan the establishment of diabetic foot centres

## Foot - Peripheral Arterial Disease

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### Stream Description

Peripheral Arterial Disease (PAD) is frequent in people with diabetes being one of the strongest predictors of non-healing foot ulcers and amputations and an independent factor for increased mortality due to associated cardiovascular and cerebrovascular diseases. PAD in diabetes is largely asymptomatic until an advanced stage. It is usually present at an earlier age and progresses more rapidly and extensively than in patients without diabetes. There is strong evidence to show that early detection of PAD with interventions targeted on risk factor modification and revascularisation will reduce the rates of disease progression and amputations. In real life, many patients still have no vascular assessment even when having a foot ulcer or before amputation. The prevention and management of neuroischaemic ulcers is overlooked and underused in high-risk patients. To change this paradigm, healthcare services for people with PAD should include multidisciplinary trained teams with clear definitions of tools and objectives to be attained including the use of specific educational programmes.

### Learning Objectives

After attending sessions in the *Foot - Peripheral Arterial Disease* stream, participants will be able to:

- Know and discuss epidemiology of foot ulceration and diabetic peripheral arterial disease
- Know the pathophysiology of arterial disease in diabetic foot (mechanisms, specificities, and risk factors)
- Know how to screen patients with diabetic foot for PAD and be able to make clinical diagnoses
- Know the treatment of PAD- lifestyle and risk factor modifications, drug therapy and vascular interventions
- Make the correct decision and timely referral to a specialist
- Understand and recognise the importance of new technics and technology in diagnosis and treatments for PAD
- Discuss different health care organisation models for the best care in PAD



## Foot - Ulcers and Infection

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### Stream Description

The scientific sessions on foot ulcer and infections will teach current concepts on how to recognise, evaluate and manage patients with diabetes related foot and ankle conditions, complicated by peripheral neuropathy, vascular diseases, foot ulcers and infection. Medical and surgical treatments as well as an overall review of diabetes will enhance the attendees' knowledge to improve care in their practice.

### Learning Objectives

After attending sessions in the *Foot - Ulcers and Infection stream*, participants will be able to:

- Learn and review the basic science of wound healing, the advances in technologies apply to the process of healing, and some of their challenges.
- Learn about how the foot function affects the risk of developing a foot ulcer, and how to offload the foot to heal difficult wounds.
- Learn advances in the treatment of diabetic foot soft tissue infections and osteomyelitis, specifically controversies in diagnosis, medical, and surgical management.
- Learn about evidence-based assessment and medical treatment of vascular diseases related to diabetes and to the foot and ankle. The audience will also learn to recognise podiatric issues related to vascular problems to better manage the patients in a timely manner

## Foot - Peripheral Diabetic Neuropathy and Charcot

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### Stream Description

The diabetes pandemic is forcing a necessary and much needed mandatory preventative approach to diabetic neuropathy on a global level. We are urging all healthcare practitioners to fully understand the pathway of destruction of the diabetic foot and alternatively the much more favoured pathway to prevention in managing the diabetic foot. Only with full understanding of neuropathy and its role in the formation of ulcers, amputations and the Charcot foot are we able to prevent foot complications. An urgency to intervene in the "Window

of Presentation" (risk category 1 and 2 before progression to 3) will be reviewed with participants. Research on the treatments for painful and painless neuropathy will be reviewed. The focus of will be on real life treatment protocols, as well as management in developing countries, as the burden of diabetes are in these countries. Through education and fully understanding the IDF Diabetic Foot Guidelines we can decrease the morbidity of foot complications globally and keep diabetic patients active, walking and mobile.

### Learning Objectives

After attending sessions in the *Foot - Peripheral Diabetic Neuropathy and Charcot* stream, participants will be able to:

- Fully understand the IDF Diabetic Foot Guidelines
- Fully understand current screening techniques and diagnosis for diabetic neuropathy
- Fully understand early intervention in assessing, risk categorising and treating neuropathy
- Recognise the urgency to intervene in the "Window of Presentation"
- Understand how intervention and protection of the neuropathic foot in developing countries is done; this is the burden of the newly diagnosed cases
- Understand current medical and non-medical treatment of painless and painful diabetic neuropathy
- Fully understand how to intervene to prevent the destruction of the neuropathic foot from progressing into the Charcot foot
- Be able to manage the Charcot foot
- When to refer to the multidisciplinary foot clinic

## Cardiovascular Risk Factors

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### Stream Description

Diabetes mellitus is a major health problem globally as a consequence of the aging of the population, unhealthy lifestyle and the resultant epidemic of obesity. Cardiovascular disease is the leading cause of morbidity and mortality in people with diabetes and is the largest contributor to health care costs for diabetes. A number of cardiovascular risk factors co-exist in people with diabetes including hypertension, hyperlipidaemia, insulin resistance and obesity. There is good evidence that management of risk factors such as blood pressure, dyslipidaemia and glucose can lead to improved microvascular and macrovascular complications in individuals with type 2 diabetes mellitus and also legacy benefits of multifactorial risk factor control. In addition, lifestyle factors such as nutrition and physical activity also influence cardiometabolic risk factors. International guidelines therefore consider people with diabetes and cardiovascular risk factors and microvascular disease as having high cardiovascular risk and recommend regular assessment and management of cardiovascular risk factors in these populations.

### Learning Objectives

After attending sessions in the *Cardiovascular Risk Factors* stream, participants will be able to:

- Understand the epidemiology of risk factors associated with cardiovascular outcomes in people with diabetes
- Understand the evidence for multifactorial risk factor management in people with diabetes
- Discuss the evidence base for lifestyle interventions in people with diabetes
- Understand individualisation of risk factors targets for people with diabetes
- Will be able to manage risk factor using evidence based therapies in people with diabetes
- Recognise the importance of novel risk factors such as hypoglycaemia and albuminuria for cardiovascular complications in people with diabetes
- Understand the epidemiology of gestational diabetes and vascular aging in relation to cardiovascular complications
- Discuss different health care organisation models for the best care in PAD

## Coronary Heart Disease and Heart Failure

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### Stream Description

Cardiovascular disease has emerged as a central target in patients with diabetes. This has now extended to all vascular areas within the insulin resistant patient. Translational information on the disease process starts in some cases with parents and then extends to their offspring. Individuals with insulin resistance or diabetes in combination with one or more of these risk factors (obesity, HT, lipids, poor lifestyle) are at even greater risk of heart disease or stroke. However, by managing their risk factors, patients with diabetes may avoid or delay the development of heart and blood vessel disease. In this section, we will focus on clinical cardiovascular disease in relation to insulin resistance in high-risk patients.

### Learning Objectives

After attending sessions in the *Coronary Heart Disease and Heart Failure* stream, participants will be able to:

- Understand of the translational science that relates to guidelines in clinical practice for diabetes patients
- Understand global impact of insulin resistance in the development of cardiovascular disease
- Know of the impact of diabetes on the myocardium
- Know of the mechanism involved in the development of vascular disease
- Have new insights into the treatment of normal and reduced ejection fractions in patients with diabetes
- Have new insights into the beneficial effects on the CV system with new cardio-renal agents that reduce glucose
- Review the current standards of care in the treatment of global risk factors
- Understand the future consideration in vascular and renal protection in diabetes patients



## Diabetes and Kidney Disease

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### Stream Description

The scientific sessions in the Diabetes and Kidney Disease stream will offer researchers and healthcare professionals the unique opportunity to review recent advances in diabetic kidney disease, hot topics and controversies with emphasis on sharing ideas and knowledge.

### Learning Objectives

After attending sessions in the *Diabetes and Kidney Disease* stream, participants will be able to:

- Understand the epidemiology, pathophysiology, genetic, diagnosis, prevention and treatment of the kidney complications developed in the session
- Decide how to individualise the diagnostic, prevention and treatment tools in the setting where they operate as healthcare practitioner
- Define the appropriate moment to refer the patient to a level of greater complexity
- Identify recent advances in the diagnosis and management

## Diabetic Eye Disease

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### Stream Description

The increasing global prevalence of diabetes has led to a corresponding epidemic of diabetic eye disease. Screening and timely intervention in the presence of sight threatening diabetic eye disease can prevent visual loss however diabetic retinopathy remains the leading cause of visual loss in many countries. A holistic approach is mandatory as diabetic eye disease is an end organ response to a systemic disease – diabetes. Awareness, metabolic control and control of other risk factors are the mainstay in this respect. Besides further research on the pathophysiology, and primary and secondary prevention of diabetic eye disease, we need to focus on translating the evidence available to prevent visual loss, into public health action which will impact the lives of people with diabetes. This will be facilitated by the development and proper implementation of new/ existing nation-wide/region-wide/global initiatives. Only in this way can we decrease the global morbidity cause by diabetic eye disease.

### Learning Objectives

After attending sessions in the *Diabetic Eye Disease* stream, participants will be able to:

- Review current diagnosis of diabetic eye disease and current screening recommendations and future developments
- Review current treatment strategies for diabetic eye disease and future developments
- Recognise the importance of holistic approach to the diabetic eye disease
- Recognise the importance of translation of evidence base into the real life to reduce the burden of diabetic eye disease

# PROGRAMME OVERVIEW - THURSDAY 25 OCTOBER

	Hall 4	Hall 5	Hall 6	MR G 1-3	MR G 4-6	
09:00	<b>Registration</b> Ground Floor	<b>Registration</b> Ground Floor	<b>Registration</b> Ground Floor	<b>Registration</b> Ground Floor	<b>Registration</b> Ground Floor	09:00
13:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	13:00
14:00	<b>Symposium:</b> Neuropathy	<b>Symposium:</b> Peripheral arterial disease management	<b>Symposium:</b> Infections in diabetes	<b>Symposium:</b> Wound care	<b>Workshop:</b> Can diet modulation help in averting chronic complications	14:00
15:15	<b>Debate:</b> Is ABI a predictor for peripheral vascular disease in diabetes?	<b>Debate:</b> Is diabetes the first heart attack?	<b>Debate:</b> Can RAAS blockade prevent or delay the progression of diabetic nephropathy?	<b>Debate:</b> Individualisation of blood pressure targets for people with diabetes and hypertension		15:15
15:45	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	15:45
16:00	<b>Symposium:</b> Diabetes and peripheral arterial disease	<b>Symposium:</b> Diabetes and infections	<b>Symposium:</b> Diabetes and the eye	<b>Symposium:</b> Cardiovascular risk factors	<b>Panel Discussion:</b> Prevention of foot amputation and education in the diabetic foot	16:00
17:15	<b>Plenary Lectures:</b> IDF clinical practice recommendations on the diabetic foot & Inflammation: The yin and yang of diabetes complications	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	17:15
18:30	<b>Presidential Oration:</b> Check your eyes, look into the future	Presidential Oration Hall 4	Presidential Oration Hall 4	Presidential Oration Hall 4	Presidential Oration Hall 4	18:30
19:00						19:00

Diabetes Complications	Diabetic Foot	Cardiovascular Disease	Diabetic Eye Disease	Diabetes and Kidney Disease	Oral Presentations
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# PROGRAMME OVERVIEW - FRIDAY 26 OCTOBER

	Hall 4	Hall 5	Hall 6	MR G 1-3	MR G 4-6	
09:00	<b>Diabetes and heart failure retrospect:</b> Perfectly imperfect truth - a future prospect & Cardiovascular outcomes trials of commonly used antiglycaemic medications	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	09:00
10:15	<b>Symposium:</b> Foot treatment strategies	<b>Symposium:</b> Acute complications in diabetes	<b>Symposium:</b> Diabetes and the liver	<b>Symposium:</b> Autonomic neuropathy	<b>Panel Discussion:</b> Heart failure in diabetes: Is it different and how do we manage it?	10:15
11:15	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	11:15
11:30	<b>Symposium:</b> Prevention of ulcers and amputations	<b>Symposium:</b> Risk factors for cardiovascular disease	<b>Symposium:</b> Diabetes nephropathy I	<b>Symposium:</b> The mind should never be forgotten	<b>Symposium:</b> Gadgets for the diabetic foot	11:30
12:30	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	12:30
14:30	<b>Symposium:</b> Diabetes and hypoglycaemia	<b>Symposium:</b> Diabetes and the eye	<b>Symposium:</b> Reducing cardiovascular risk in patients with diabetic nephropathy	<b>Symposium:</b> Nutrition	<b>Workshop:</b> Diabetes and sexual dysfunction	14:30
15:45	<b>Debate:</b> Hypoglycaemia	<b>Debate:</b> The role of telemedicine in the diagnosis of diabetic retinopathy	<b>Debate:</b> Can type 2 diabetes patients have diabetic retinopathy in the absence of diabetic nephropathy?	<b>Debate:</b> Should a low-card, high-fat diet be used in patients with diabetes complications?		15:45
16:15	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	16:15
16:30	<b>Symposium:</b> Diabetes and bone health	<b>Symposium:</b> Diabetic nephropathy II	<b>Symposium:</b> Diabetic foot infections	<b>Symposium:</b> Footwear	<b>Panel Discussion:</b> Importance of social media and communications in education and prevention of diabetic complications	16:30
17:45	<b>Plenary Lectures:</b> The diabetic foot: An update & Risk factors for microvascular complications in children and adolescents with diabetes	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	17:45
19:00						19:00

Diabetes Complications	Diabetic Foot	Cardiovascular Disease	Diabetic Eye Disease	Diabetes and Kidney Disease	Oral Presentations
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# PROGRAMME OVERVIEW - SATURDAY 27 OCTOBER

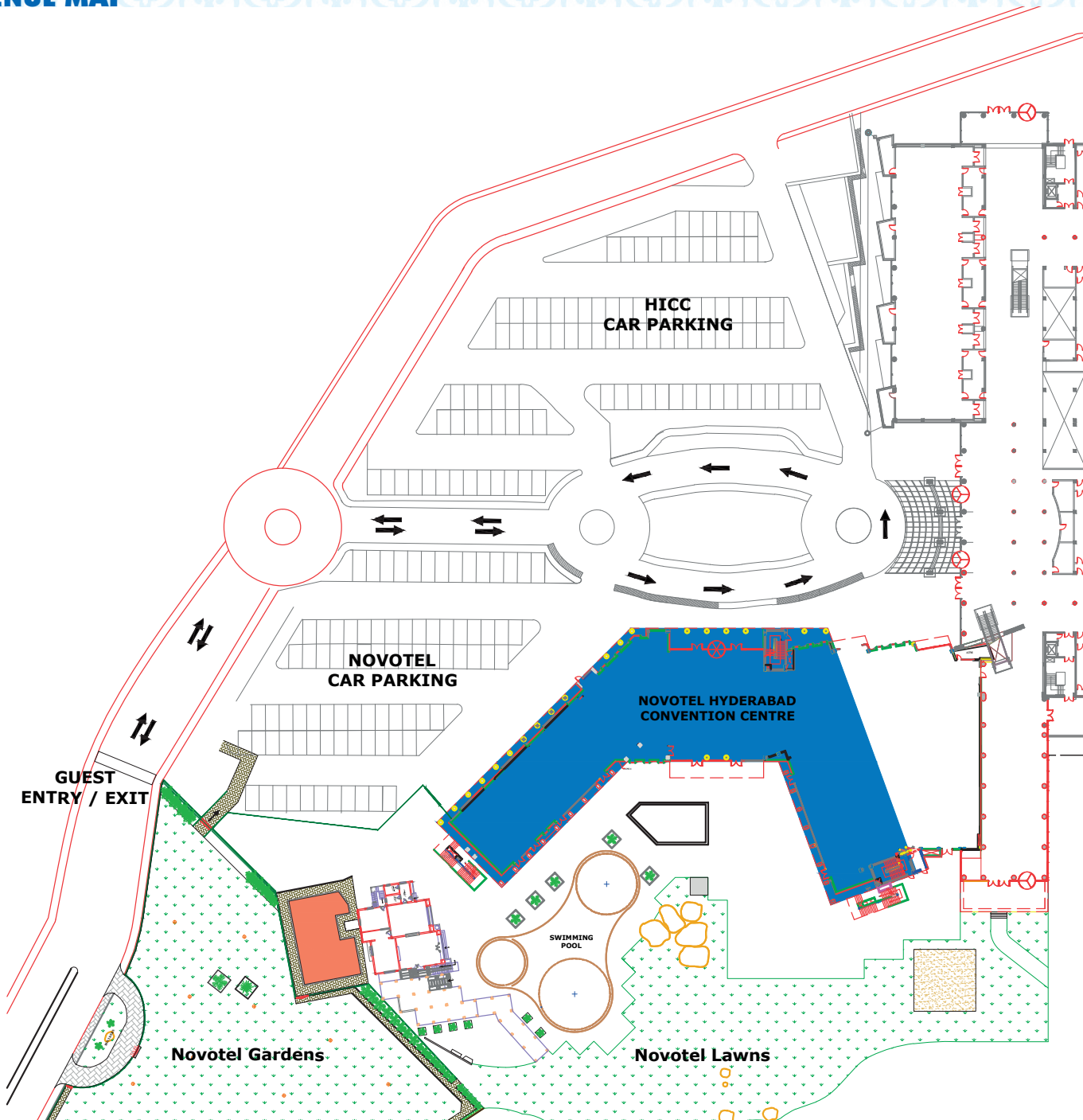
	Hall 4	Hall 5	Hall 6	MR G 1-3	MR G 4-6	
09:00	<b>Plenary Lectures</b> Classifications of diabetic neuropathy: How clinically useful are they? & The importance of team management for the diabetic foot: Equal roles of the diabetologist, vascular surgeon and podiatrist	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	Plenary Lectures Hall 4	09:00
10:15	<b>Symposium:</b> Trending	<b>Symposium:</b> Treatment of diabetic foot	<b>Symposium:</b> Cardiovascular complications	<b>Symposium:</b> Obesity	<b>Panel Discussion:</b> Insulins and other injectables in managing diabetes and its complications	10:15
11:15	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	11:15
11:30	<b>Symposium:</b> Other complications	<b>Lectures:</b> Targets for glycaemia, dyslipidaemia and hypertension: How low should we go? & Prevalence and screening for complications in youths with diabetes	<b>Debate:</b> Is universal salt restriction useful in preventing cardiovascular complications?	<b>Symposium:</b> Surgical approach to diabetic foot ulcers	<b>Panel Discussion:</b> The clinical approach to managing a person with early nephropathy	11:30
12:30	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	Lunch Break Posters	12:30
14:30	<b>Symposium:</b> Treatment of complications	<b>Symposium:</b> Newer updates	<b>Oral Presentations:</b> Diabetic Foot	<b>Oral Presentations:</b> Kidney, eye, cardiovascular complications	<b>Oral Presentations:</b> Diabetes complications	14:30
16:15	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	16:15
16:30	Closing Ceremony	Closing Ceremony Hall 4	Closing Ceremony Hall 4	Closing Ceremony Hall 4	Closing Ceremony Hall 4	16:30
17:00						17:00

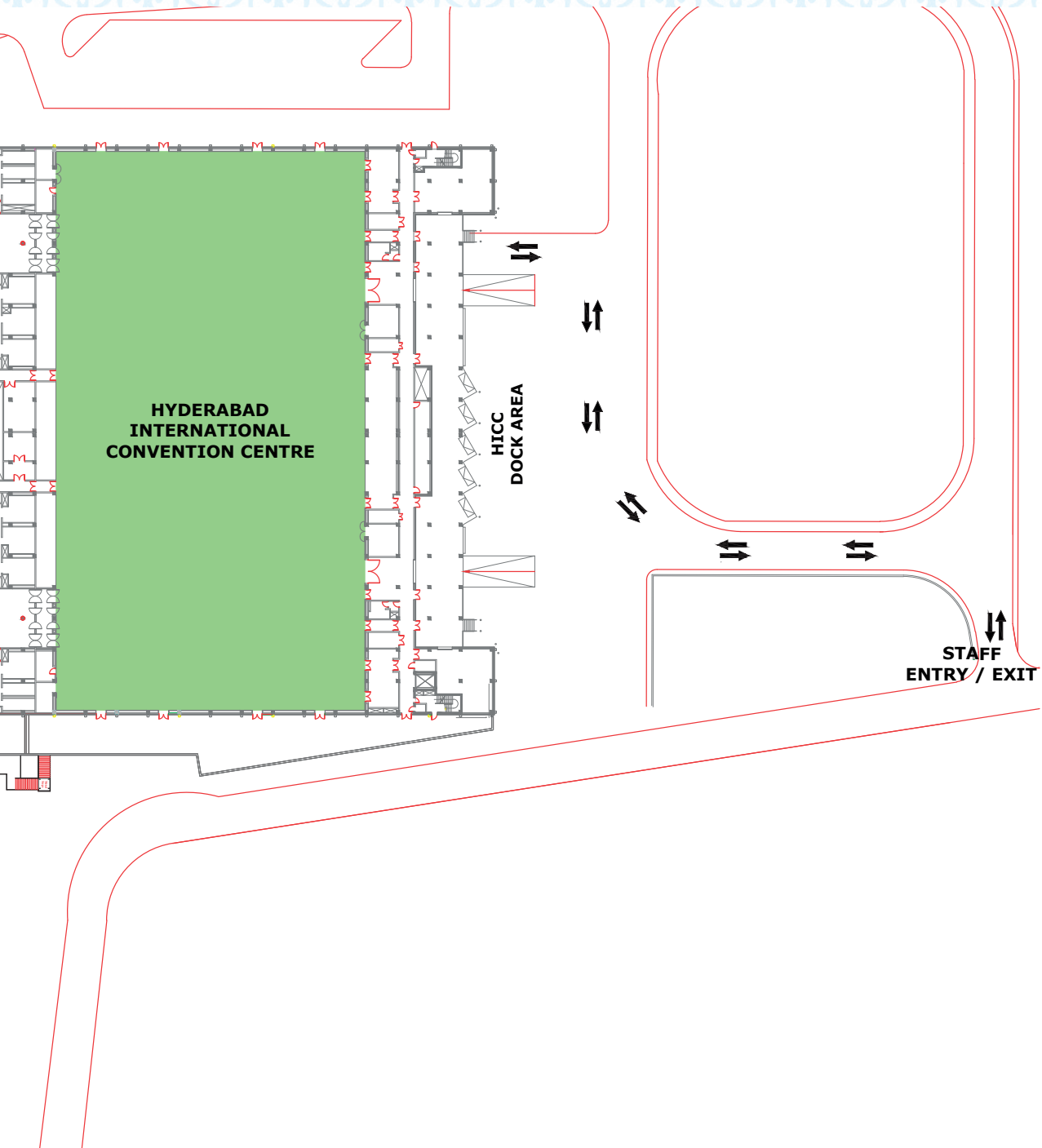
Diabetes Complications	Diabetic Foot	Cardiovascular Disease	Diabetic Eye Disease	Diabetes and Kidney Disease	Oral Presentations
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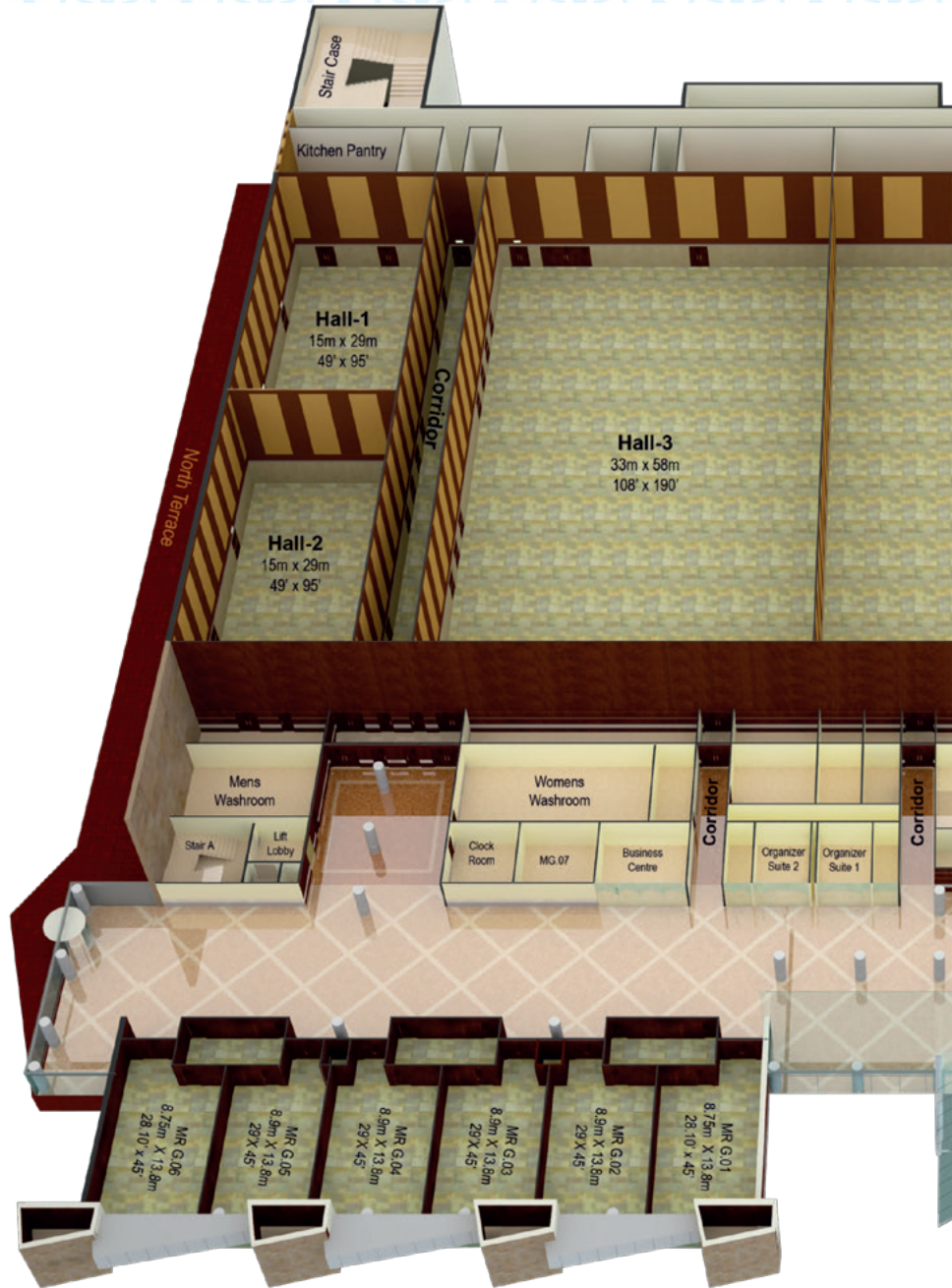


# VENUE MAP





# HICC FLOOR PLAN







# HICC LAYOUT GROUND FLOOR



HYDERABAD INTERNATIONAL  
CONVENTION CENTRE

Managed by ACCOR HOTELS

## GENERAL INFORMATION A-Z

### Badges

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Participants are requested to wear their badge at all times while in the congress centre. Kindly note that an administrative fee of € 20 /INR 1600 will be charged should a new badge be issued.

Colour code for badges	
Delegate	Blue
Exhibitor	Red
Invited speaker	Green
Media	Orange
Staff	Yellow

### Cash dispenser

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An ATM machine is located at the Novotel Hotel adjacent to the Hyderabad Convention Center.

### Catering

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Congress lunch is included in the registration fee and served between 13.00 and 14.00 on Thursday 25 October and between 12.30 and 14.30 on Friday 26 and Saturday 27 October.

### The IDF Blue Circle for diabetes

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The Blue Circle is the universal symbol for diabetes. The purpose of the diabetes symbol is to give diabetes a common identity.

The icon was originally developed in 2006 for the campaign for a United Nations Resolution on diabetes. The campaign was a response to the diabetes pandemic.

The blue circle aims to:

- support all existing efforts to raise awareness about diabetes
- inspire new activities, bring diabetes to the attention of the general public
- brand diabetes
- provide a means to show support for the fight against diabetes

Please wear the pin throughout the congress and unite with us for diabetes.

## Continuing Medical Education (CME)

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The IDF Congress is an accredited live learning event.

### European accreditation

The IDF Diabetes Complications Congress 2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for a maximum of 15 European CME credits (ECMEC's).

EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.eaccme.eu](http://www.eaccme.eu). Each medical specialist should claim only those hours that he/she spent in a medical activity. EACCME credits are recognised by the American Medical Association (AMA) towards the Physician's Recognition Award (PRA). To convert EACCME credits to AMA PRA category 1 credit, contact the AMA.

### Indian accreditation

Indian CME accreditation has been applied for from the Telangana Medical Council.

## Currency

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The Euro (EUR) is the official currency of the congress. Some local services may be priced in Indian Rupees. The current exchange rate can be checked under <http://www.xe.com/currencyconverter>.

## Language

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The official language of the congress is English. All sessions will be in English only.

## Liability and insurance

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Neither the International Diabetes Federation (IDF), nor MCI (the appointed local partner) or any other supplier active in the congress centre will assume responsibility for injury and/or damage involving persons or property during the congress. Participants are advised to take out a personal insurance for the congress.

## Lost and Found

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Any lost & found item will be taken care by HICC security team +91 9642326246. Valuable item would be stored for 1 year and non valuable would be stored for 3 months.

## Medicine and first aid

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In case of emergency please contact HICC Security at +919642326246.

## IDF Diabetes Complications Congress 2018 Opening hours

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Activity	Day	Hours
Individual registrations	Thursday 25 October-	08.00 - 17.00
	Saturday 27 October	
Posters	Friday 26 October	12.30 - 14.30
	Saturday 27 October	12.30 - 14.30
Programme sessions	Thursday 25 October	14.00 - 19.00
	Friday 26 October	09.00 - 19.00
	Saturday 27 October	09.00 - 17.00

## Session recording policy

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No sessions may be recorded or broadcast in any format by any attendee.

Use of digital cameras to record individual slides is not allowed.

The use of photographs of slides in any subsequent publication or presentation or any other distribution is a breach of copyright and may result in prosecution by the owner of the data or ideas. The use of flash is also forbidden.

## Speaker preview room

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The speaker preview room is located in the Organiser's office 1 on the ground floor of HICC. All speakers need to report to the speaker preview room at least 3 hours prior to the start of their session, for their presentations to be uploaded to the appropriate session hall. Speakers with early morning presentations should be at the speaker preview room the day before. No laptop presentations will be allowed in the session halls for the scientific programme.

Scheduled opening hours	
Thursday 25 October	11.00 - 19.00
Friday 26 October	07.00 - 19.00
Saturday 27 October	07.00 - 17.00

## Time zone

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Hyderabad is India Standard time, GMT+5:30 during the congress.

## Wheelchair

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Please contact HICC Security at +919642326246 if you require wheelchair services.



## **PROGRAMME**

**THURSDAY 25 OCTOBER**



14:00 - 15:15 Hall 4

**Neuropathy***Chair: B. Saboo (India)**Chair: J. Ahmad (India)*

14:00	<b>Diabetic neuropathy: An overview</b> <i>Speaker: R. Malik (Qatar)</i>	001
14:20	<b>Can we prevent diabetic neuropathy</b> <i>Speaker: M. Djordjevic (Serbia)</i>	002
14:40	<b>Motor neuropathy: A neglected complication of diabetes</b> <i>Speaker: A.K. Das (India)</i>	003
15:00	<b>Discussion</b>	

15:15 - 15:45 Hall 4

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**Is ankle-brachial index a predictor for peripheral vascular disease in diabetes?**

*Chair: S. Reddy (India)*

*Chair: R. Kovil (India)*

15:15	<b>Yes</b>	004
	<i>Speaker: B. Sosale (India)</i>	
15:25	<b>No</b>	005
	<i>Speaker: N. Deshpande (India)</i>	
15:35	<b>Discussion</b>	



16:00 - 17:15 Hall 4

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### Diabetes and peripheral arterial disease

*Chair: R. Saxena (India)*

*Chair: G.D. Ramchandani (India)*

- 16:00 **Epidemiology of atherosclerotic peripheral arterial disease: A review and recent developments** 006  
*Speaker: A.L. Costa (Portugal)*
- 16:20 **Potential risk factors and types of vascular calcification in peripheral arterial disease** 007  
*Speaker: R. Sahay (India)*
- 16:40 **Recent advances and newer technologies in the management of peripheral arterial disease** 008  
*Speaker: E. Jude (United Kingdom)*
- 17:00 **Discussion**

17:15 - 18:30 Hall 4

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**Plenary Lectures***Chair: L. Ji (China)**Chair: L.M. Gardete Correia (Portugal)*

17:15	<b>IDF clinical practice recommendations on the diabetic foot</b> <i>Speaker: A. Ibrahim (Dominican Republic)</i>	009
17:45	<b>Inflammation: The yin and yang of diabetes complications</b> <i>Speaker: S. Sadikot (India)</i>	010
18:15	<b>Discussion</b>	

18:30 - 19:00 Hall 4

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**Presidential Oration**

*Chair: S. Sadikot (India)*

*Chair: A. Ibrahim (Dominican Republic)*

18:30

**Check your eyes, see into the future**

*Speaker: N. Cho (South Korea)*

011

14:00 - 15:15 Hall 5

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**Peripheral arterial disease management***Chair: A. Ibrahim (Dominican Republic)**Chair: R. Kovil (India)*

14:00	<b>Managing peripheral arterial disease in primary care</b> <i>Speaker: Z. Xu (China)</i>	012
14:20	<b>Critical limb ischaemia: The need for a new model of integrated care</b> <i>Speaker: P. Ramakrishna (India)</i>	013
14:40	<b>Improving care in different settings</b> <i>Speaker: E. Jude (United Kingdom)</i>	014
15:00	<b>Discussion</b>	

15:15 - 15:45 Hall 5

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**Is diabetes the first heart attack?**

*Chair: S. Rao (India)*

*Chair: S.K. Kota (India)*

15:15	<b>Yes</b>	015
	<i>Speaker: R.P. Sibarani (Indonesia)</i>	
15:25	<b>No</b>	016
	<i>Speaker: S.C. Agarwal (India)</i>	
15:35	<b>Discussion</b>	



16:00 - 17:15 Hall 5

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### Diabetes and infections

*Chair: S.R. Aravind (India)*

*Chair: K. Sai (India)*

- |       |   |     |
|-------|---|-----|
| 16:00 | <b>Diabetes and tuberculosis: A dual burden in 3rd world countries</b>  | 017 |
|       | <i>Speaker: S.R. Joshi (India)</i>                                      |     |
| 16:20 | <b>Unusual infections in diabetes</b>                                   | 018 |
|       | <i>Speaker: P. Chawla (India)</i>                                       |     |
| 16:40 | <b>Global recommendations of immunisation in patients with diabetes</b> | 019 |
|       | <i>Speaker: To be confirmed</i>   |     |
| 17:00 | <b>Discussion</b>   |     |

14:00 - 15:15 Hall 6

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### Infections in diabetes

*Chair: K. Sai (India)*

*Chair: T.K.M. Easwar (India)*

14:00	<b>Genital infections - a clue to glycaemic control</b>	020
	<i>Speaker: R. Chawla (India)</i>	
14:20	<b>Recurrent urinary tract infections, mainly in post menopausal females: How to manage</b>	021
	<i>Speaker: A. Kaul (India)</i>	
14:40	<b>Sterile pyuria in diabetes - what physicians should know</b>	022
	<i>Speaker: J. Panda (India)</i>	
15:00	<b>Discussion</b>	

15:15 - 15:45

Hall 6

**Can renin-angiotensin-aldosterone system blockade prevent or delay the progression of diabetic nephropathy?***Chair: L.M. Gardete Correia (Portugal)*

15:15

**Yes**

023

*Speaker: M. Sahay (India)*

15:25

**No**

024

*Speaker: T. Kamat (India)*

15:35

**Discussion**

16:00 - 17:15 Hall 6

**Diabetes and the eye***Chair: G. Tan (Singapore)**Chair: A. Patel (India)*

16:00	<b>Current recommendations for diabetic retinopathy screening: When and how</b> <i>Speaker: To be confirmed</i>	025
16:20	<b>Lesion-aware deep learning system for diabetic retinopathy screening</b> <i>Speaker: W. Jia (China)</i>	026
16:40	<b>A large community survey on diabetic retinopathy screening</b> <i>Speaker: C. Chun (China)</i>	027
17:00	<b>Discussion</b>	

14:00 - 15:15 Meeting Room 1-3

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### Wound care

*Chair: M. Ruke (India)*

*Chair: S. Phatak*

14:00	<b>Comparing the classifications of diabetes foot wounds</b>	028
	<i>Speaker: M. Singh (India)</i>	
14:20	<b>How to manage infected foot ulcers</b>	029
	<i>Speaker: A.L. Costa (Portugal)</i>	
14:40	<b>Types of dressing in foot wound management</b>	030
	<i>Speaker: S. Seshabhataru (India)</i>	
15:00	<b>Discussion</b>	



15:15 - 15:45 Meeting Room 1-3

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**Individualisation of blood pressure targets for people with diabetes and hypertension**

*Chair: L. Ji (China)*

15:15	<b>ADA</b> <i>Speaker: A. Maheshwari (India)</i>	031
15:25	<b>ACC/AHA</b> <i>Speaker: V. Narsingh (India)</i>	032
15:35	<b>Discussion</b>	

16:00 - 17:15 Meeting Room 1-3

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### Cardiovascular risk factors

*Chair: S. Soegondo (Indonesia)*

*Chair: U. Sriram (India)*

16:00	<b>The endothelium in diabetes</b>	033
	<i>Speaker: D. Harbuwono (Indonesia)</i>	
16:20	<b>Statin use in people with diabetes: Pros and cons</b>	034
	<i>Speaker: To be confirmed</i>	
16:40	<b>Renin-angiotensin-aldosterone system blockade in blood pressure management</b>	035
	<i>Speaker: To be confirmed</i>	
17:00	<b>Discussion</b>	

14:00 - 15:45

Meeting Room 4-6

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**Can diet modulation help in averting chronic complications**

*Speaker: A. Ben Nakhi (Kuwait)*

*Speaker: M. Al Arouj (Kuwait)*

16:00 - 17:15

Meeting Room 4-6

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**Prevention of foot amputation and education in the diabetic foot**

*Moderator: A. Bal (India)*

*Panellist: M. Ruke (India)*

*Panellist: S. Kari (India)*

*Panellist: V. Viswanathan (India)*

*Panellist: A. Sanghvi (India)*

## **PROGRAMME**

**FRIDAY 26 OCTOBER**





09:00 - 10:15 Hall 4

**Plenary Lectures***Chair: A. Al Madani (United Arab Emirates)**Chair: A. El Sayed (Qatar)*

09:00	<b>Diabetes and heart failure: Perfectly imperfect truth - a future prospect</b>	038
	<i>Speaker: R.P. Sibarani (Indonesia)</i>	
09:30	<b>Cardiovascular outcomes trials of commonly used antiglycaemic medications</b>	039
	<i>Speaker: D. Rahelic (Croatia)</i>	
10:00	<b>Discussion</b>	

10:15 - 11:15 Hall 4

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### Foot treatment strategies

*Chair: A. Ibrahim (Dominican Republic)*

- |       |   |     |
|-------|---|-----|
| 10:15 | <b>Managing patients with diabetic foot and critical limb ischaemia</b> | 040 |
|       | <i>Speaker: Z. Xu (China)</i>   |     |
| 10:40 | <b>Offloading in a neuroischaemic foot ulcer</b>                        | 041 |
|       | <i>Speaker: V. Viswanathan (India)</i>                                  |     |
| 11:05 | <b>Discussion</b>   |     |

11:30 - 12:30 Hall 4

**Prevention of ulcers and amputations***Chair: E. Jude (United Kingdom)**Chair: R. Kesavan (India)*

11:30	<b>Preventing recurrence of the diabetic foot ulcer</b>	042
	<i>Speaker: A. Bal (India)</i>	
11:45	<b>Preventing amputations in the developing world: The Indian experience</b>	043
	<i>Speaker: S. Pendsey (India)</i>	
12:00	<b>The role of educators in preventing recurrence of ulcers and amputations</b>	044
	<i>Speaker: S. Salis (India)</i>	
12:15	<b>Discussion</b>	

14:30 - 15:45 Hall 4

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### Diabetes and hypoglycaemia

*Chair: L.M. Gardete Correia (Portugal)*

*Chair: B. Saboo (India)*

14:30	<b>Hypoglycaemia: Diagnosis and management</b>	045
	<i>Speaker: M. Djordjevic (Serbia)</i>	
14:50	<b>Hypoglycaemia unawareness</b>	046
	<i>Speaker: S.R. Joshi (India)</i>	
15:10	<b>Macrovascular impact of hypoglycaemia</b>	047
	<i>Speaker: To be confirmed</i>	
15:30	<b>Discussion</b>	

15:45 - 16:15 Hall 4

**Hypoglycaemia***Chair: J. Panda (India)**Chair: B.M. Makkar (India)*

15:45

**Overhyped**

048

*Speaker: A. Gupta (India)*

15:55

**Real**

049

*Speaker: L. Rodrigues (India)*

16:05

**Discussion**



16:30 - 17:45 Hall 4

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### Diabetes and bone health

*Chair: J. Belkhadir (Morocco)*

*Chair: R. Chawla (India)*

16:30	<b>Skeletal complications of diabetes</b> <i>Speaker: S.R. Aravind (India)</i>	050
16:50	<b>Osteoporosis: An under-appreciated association with diabetes</b> <i>Speaker: T.M.I. Alessa (Kuwait)</i>	051
17:10	<b>Periodontal disease in diabetes</b> <i>Speaker: L.M. Gardete Correia (Portugal)</i>	052
17:30	<b>Discussion</b>	

17:45 - 19:00 Hall 4

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### Plenary lectures

*Chair: T. Rege (India)*

*Chair: S. Rao (India)*

17:45	<b>The diabetic foot: An update</b>	053
	<i>Speaker: E. Jude (United Kingdom)</i>	
18:15	<b>Risk factors for microvascular complications in children and adolescents with diabetes</b>	054
	<i>Speaker: L. Barkai (Hungary)</i>	
18:45	<b>Discussion</b>	

10:15 - 11:15 Hall 5

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**Acute complications in diabetes**

*Chair: J. Ahmad (India)*

*Chair: S. Sadikot (India)*

10:15	<b>Diabetic ketoacidosis: A master class</b>	055
	<i>Speaker: B. Saboo (India)</i>	
10:40	<b>Hyperosmolar non-ketotic coma</b>	056
	<i>Speaker: A.H. Zargar (India)</i>	
11:05	<b>Discussion</b>	

11:30 - 12:30 Hall 5

**Risk factors for cardiovascular disease***Chair: T.K.M. Easwar (India)**Chair: K. Sai (India)*

11:30	<b>Modern management of hypertension in patients with diabetes</b> <i>Speaker: S.N. Narasingan (India)</i>	057
11:45	<b>Recent trends in treating diabetic dyslipidaemias</b> <i>Speaker: M. Hassanein (United Arab Emirates)</i>	058
12:00	<b>Novel risk factors leading to cardiovascular dysfunction</b> <i>Speaker: J. Belkhadir (Morocco)</i>	059
12:15	<b>Discussion</b>	

14:30 - 15:45 Hall 5

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### Diabetes and the eye

*Chair: N. Cho (South Korea)*

*Chair: W. Jia (China)*

14:30	<b>Aetiopathogenesis of diabetic retinopathy and diabetic macular oedema</b>	060
	<i>Speaker: G. Tan (Singapore)</i>	
14:50	<b>Can we prevent diabetic retinopathy?</b>	061
	<i>Speaker: To be confirmed</i>	
15:10	<b>Management of diabetic eye disease: Current and future trends</b>	062
	<i>Speaker: G. Tan (Singapore)</i>	
15:30	<b>Discussion</b>	

15:45 - 16:15 Hall 5

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### The role of telemedicine in the diagnosis of diabetic retinopathy

*Chair:* C. Chun (China)

15:45 **Useful** 063

*Speaker:* G. Tan (Singapore)

15:55 **Useful with caution** 064

*Speaker:* To be confirmed

16:05 **Discussion**

16:30 - 17:45 Hall 5

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### Diabetic nephropathy II

*Chair: A. Maheshwari (India)*

*Chair: P. Jethwani (India)*

16:30	<b>Biomarkers to judge the onset and progression of diabetic nephropathy</b>	065
	<i>Speaker: R. Birne (Portugal)</i>	
16:50	<b>Molecular mechanisms on the pathogenesis of diabetic nephropathy</b>	066
	<i>Speaker: L. Fang (China)</i>	
17:10	<b>Chronic kidney disease in patients with diabetes: Is it always diabetic nephropathy?</b>	067
	<i>Speaker: A. Gupta (India)</i>	
17:30	<b>Discussion</b>	



10:15 - 11:15 Hall 6

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### Diabetes and the liver

*Chair:* S. Soegondo (Indonesia)

*Chair:* T.P. Shah (India)

10:15	<b>Diabetes and non-alcoholic fatty liver disease</b> <i>Speaker:</i> To be confirmed	068
10:40	<b>Managing diabetes in chronic liver disease</b> <i>Speaker:</i> S. Singh (India)	069
11:05	<b>Discussion</b>	

11:30 - 12:30 Hall 6

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### Diabetes nephropathy I

*Chair: S. Reddy (India)*

*Chair: A. Kaul (India)*

11:30	<b>Novel risk factors in diabetic kidney disease</b> <i>Speaker: Q. Li (China)</i>	070
11:45	<b>Managing patients with progressive diabetic nephropathy: Clinical insights</b> <i>Speaker: R. Birne (Portugal)</i>	071
12:00	<b>Managing nephropathy in resource-poor settings</b> <i>Speaker: J. Ahmad (India)</i>	072
12:15	<b>Discussion</b>	

14:30 - 15:45

Hall 6

**Reducing cardiovascular risk in patients with diabetic nephropathy***Chair: N. Deshpande (India)**Chair: S. Jaggi (India)*

14:30

**Common aspects of pathogenic mechanism for diabetic nephropathy and cardiovascular complications**

073

*Speaker: D. Rahelic (Croatia)*

14:50

**Oxidative stress and anti-inflammatory agents in patients with nephropathy: Do they also protect the heart?**

074

*Speaker: U. Sriram (India)*

15:10

**Cardio-renal continuum in diabetes**

075

*Speaker: S. Soegondo (Indonesia)*

15:30

**Discussion**

15:45 - 16:15

Hall 6

**Can type 2 diabetes patients have diabetic retinopathy  
in the absence of diabetic nephropathy?***Chair: R. Kovil (India)**Chair: A. Bhansali (India)*

15:45

**Yes**

076

*Speaker: S. Gupta (India)*

15:55

**No**

077

*Speaker: To be confirmed*

16:05

**Discussion**

16:30 - 17:45 Hall 6

**Diabetic foot infections***Chair: M. Chawla (India)**Chair: T. Kamat (India)*

16:30	<b>Implementing the IDSA classification into clinical practice</b>	078
	<i>Speaker: R. Kovil (India)</i>	
16:50	<b>A stepwise approach to the acutely infected diabetic foot</b>	079
	<i>Speaker: A.L. Costa (Portugal)</i>	
17:10	<b>The use of imaging to diagnose diabetic infection</b>	080
	<i>Speaker: A. Rastogi (India)</i>	
17:30	<b>Discussion</b>	

10:15 - 11:15 Meeting Room 1-3

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### Autonomic neuropathy

*Chair: L. Rodrigues (India)*

*Chair: B. Sosale (India)*

10:15	<b>Cardiac autonomic neuropathy</b>	081
	<i>Speaker: J. Belkhadir (Morocco)</i>	
10:30	<b>Gastro-intestinal tract dysfunction in diabetic autonomic disorders</b>	082
	<i>Speaker: S. Phatak</i>	
10:45	<b>The urinary bladder in autonomic dysfunction</b>	083
	<i>Speaker: A.S. Bhoraskar (India)</i>	
11:00	<b>Discussion</b>	

11:30 - 12:30 Meeting Room 1-3

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**The mind should never be forgotten**

*Chair: J. Panda (India)*

*Chair: J. Kesavadev (India)*

11:30	<b>The relationship between depression and diabetes: Causal or casual?</b>	084
	<i>Speaker: A. Jagdeesha (India)</i>	
11:45	<b>The association between type 2 diabetes, obesity and brain dysfunction</b>	085
	<i>Speaker: P. Vardi (Israel)</i>	
12:00	<b>Cognitive dysfunction in diabetes</b>	086
	<i>Speaker: U. Dhruv (India)</i>	
12:15	<b>Discussion</b>	



14:30 - 15:45 Meeting Room 1-3

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### Nutrition

*Chair: S. Salis (India)*

*Chair: S. Shah (India)*

14:30	<b>Diabetes and heart disease: Which fats to eat?</b>	087
	<i>Speaker: T. Milenkovic (Macedonia)</i>	
14:50	<b>Nutritional interventions in patients with diabetes</b>	088
	<i>Speaker: A. Misra (India)</i>	
15:10	<b>Impact of regional variation of diet on diabetes complications</b>	089
	<i>Speaker: V. Nambiar (India)</i>	
15:30	<b>Discussion</b>	

15:45 - 16:15 Meeting Room 1-3

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**Should a low-card, high-fat diet be used in patients with diabetes complications?**

*Chair: J. Srinath (India)*

*Chair: V. Nambiar (India)*

15:45	<b>Yes</b>	090
	<i>Speaker: S. Joshi (India)</i>	
15:55	<b>No</b>	091
	<i>Speaker: R. Gupta (India)</i>	
16:05	<b>Discussion</b>	

16:30 - 17:45 Meeting Room 1-3

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### Footwear

*Chair: T. Rege (India)*

*Chair: H. Chandarana (India)*

- |       |   |     |
|-------|---|-----|
| 16:30 | <b>Footwear for people at high risk of diabetic foot</b><br><i>Speaker: S. Pendsey (India)</i>                            | 092 |
| 16:50 | <b>The role of insoles for prevention of foot problems in diabetes</b><br><i>Speaker: J. Kannampilly (India)</i>          | 093 |
| 17:10 | <b>What after amputation: Recommendations for rehabilitation and prostheses</b><br><i>Speaker: V. Viswanathan (India)</i> | 094 |
| 17:30 | <b>Discussion</b>   |     |

10:15 - 11:15

Meeting Room 4-6

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**Heart failure in diabetes: Is it different and how do we manage it?**

*Moderator: S.C. Agarwal (India)*

*Panellist: S. Tanna (India)*

*Panellist: D. Harbuwono (Indonesia)*

*Panellist: R.P. Sibarani (Indonesia)*

11:30 - 12:30 Meeting Room 4-6

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### Gadgets for the diabetic foot

*Chair: A. Ibrahim (Dominican Republic)*

*Chair: A. Bal (India)*

11:30	<b>Monofilament, vibration perception threshold and tuning fork</b>	095
	<i>Speaker: M. Choudhari Kale (India)</i>	
11:45	<b>Vascular Doppler and ankle-brachial index</b>	096
	<i>Speaker: H. Chandarana (India)</i>	
12:00	<b>Pressure plate analysis</b>	097
	<i>Speaker: V. Vachharajani (India)</i>	
12:15	<b>Discussion</b>	

14:30 - 16:15 Meeting Room 4-6

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### Diabetes and sexual dysfunction

*Chair: P. Jethwani (India)*

*Chair: S. Rao (India)*

14:30	<b>Erectile dysfunction</b>	098
	<i>Speaker: Y. Vardi (Israel)</i>	
15:00	<b>Let's talk female sexual dysfunction</b>	099
	<i>Speaker: D. Jumani (India)</i>	
15:30	<b>Psychosocial aspects of sexual dysfunction in people with diabetes</b>	100
	<i>Speaker: M. Bhartia (India)</i>	
16:00	<b>Discussion</b>	

16:30 - 17:45

Meeting Room 4-6

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**Importance of social media and communications in education and prevention of diabetic complications**

*Moderator: S. Jothydev (India)*

*Panellist: J. Kesavadev (India)*

*Panellist: D. Rahelic (Croatia)*

*Panellist: G. Krishnan (India)*



## **PROGRAMME**

**SATURDAY 27 OCTOBER**



09:00 - 10:15 Hall 4

**Plenary lectures***Chair: J. Ahmad (India)**Chair: E. Jude (United Kingdom)*

09:00	<b>Classifications of diabetic neuropathy: How clinically useful are they?</b>	101
	<i>Speaker: R. Malik (Qatar)</i>	
09:30	<b>The importance of team management for the diabetic foot: Equal roles of the diabetologist, vascular surgeon and podiatrist</b>	102
	<i>Speaker: A. Ibrahim (Dominican Republic)</i>	
10:00	<b>Discussion</b>	

10:15 - 11:15 Hall 4

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### Trending

*Chair: L. Rodrigues (India)*

*Chair: A.H. Zargar (India)*

10:15	<b>Do sex and gender play a role in diabetes complications?</b>	103
	<i>Speaker: M. Bhartia (India)</i>	
10:40	<b>Prevention of diabetes complications: How early should we start?</b>	104
	<i>Speaker: A. El Sayed (Egypt)</i>	
11:05	<b>Discussion</b>	

11:30 - 12:30 Hall 4

**Other complications***Chair: S.R. Joshi (India)**Chair: S.R. Aravind (India)*

11:30	<b>Diabetes and cerebrovascular disease</b> <i>Speaker: C. Vasanth Kumar (India)</i>	105
11:45	<b>Diabetes and skin manifestations</b> <i>Speaker: V.K. Mittal (India)</i>	106
12:00	<b>Diabetes and cancer</b> <i>Speaker: M. Chawla (India)</i>	107
12:15	<b>Discussion</b>	

14:30 - 16:15 Hall 4

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### Treatment of complications

*Chair: W. Jia (China)*

*Chair: U. Sriram (India)*

14:30	<b>Time to overcome multifactorial therapeutic inertia</b>	108
	<i>Speaker: B. Saboo (India)</i>	
15:00	<b>Use of newer technologies in patients with diabetes complications</b>	109
	<i>Speaker: R. Mehta (India)</i>	
15:30	<b>Antihyperglycaemic drugs and their impact on diabetic complications</b>	110
	<i>Speaker: D. Rahelic (Croatia)</i>	
16:00	<b>Discussion</b>	

10:15 - 11:15 Hall 5

**Treatment of diabetic foot***Chair: A. Ibrahim (Dominican Republic)**Chair: E. Jude (United Kingdom)*

10:15	<b>Managing Charcot's foot</b>	111
	<i>Speaker: A.L. Costa (Portugal)</i>	
10:40	<b>A team-based approach to managing the diabetic foot</b>	112
	<i>Speaker: V. Viswanathan (India)</i>	
11:05	<b>Discussion</b>	

11:30 - 12:30 Hall 5

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### Lectures

*Chair: C. Vasanth Kumar (India)*

*Chair: R. Sahay (India)*

- |       |   |     |
|-------|---|-----|
| 11:30 | <b>Targets for glycaemia, dyslipidaemia and hypertension: How low should we go?</b> | 113 |
|       | <i>Speaker: S. Reddy (India)</i>  |     |
| 12:00 | <b>Prevalence and screening for complications in youths with diabetes</b>           | 114 |
|       | <i>Speaker: L. Barkai (Hungary)</i>   |     |



14:30 - 16:15 Hall 5

**Newer updates***Chair: C. Chun (China)**Chair: M. Djordjevic (Serbia)*

14:30	<b>Is brain islet implant a potential treatment for Alzheimer's disease?</b>	115
	<i>Speaker: P. Vardi (Israel)</i>	
15:00	<b>Islet transplants: Now and later</b>	116
	<i>Speaker: J. Kesavadev (India)</i>	
15:30	<b>Stem cell therapy</b>	117
	<i>Speaker: A. Bhansali (India)</i>	
16:00	<b>Discussion</b>	

10:15 - 11:15 Hall 6

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### Cardiovascular complications

*Chair: J. Belkhadir (Morocco)*

*Chair: M. Djordjevic (Serbia)*

10:15	<b>Does an obesity "paradox" exist for cardiovascular dysfunction?</b>	118
	<i>Speaker: T.P. Shah (India)</i>	
10:40	<b>Diabetic cardiomyopathy: Fact or fiction?</b>	119
	<i>Speaker: K. Tripathi (India)</i>	
11:05	<b>Discussion</b>	

11:30 - 12:30 Hall 6

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**Is universal salt restriction useful in preventing cardiovascular complications?**

*Chair: V. Nambiar (India)*

*Chair: R. Gupta (India)*

11:30	<b>There is evidence</b>	120
	<i>Speaker: S. Shah (India)</i>	
11:50	<b>The evidence does not stand up to scrutiny</b>	121
	<i>Speaker: J. Srinath (India)</i>	
12:10	<b>Discussion</b>	

14:30 - 16:20 Hall 6

**Oral Presentations - Diabetic Foot***Chair: To be confirmed***14:30**

Characteristics of young Indigenous patients admitted with diabetic foot disease to a major Northern Australian hospital 122

*J. Anderson, P. Lazzarini, N. Nandi, A. Mclean, S. O'rourke, A. Sinha*

**14:40**

Effect of foot temperature controlling unit on diabetes patients' blood glucose level 123

*H. Hyungseob, S. Euseong, L. Seungtaek, P. Sangkeon, J. Suwang, S. Kyoung-Young, W. KIM, S. Laiwon*

**14:50**

Index of plantar pressure alters with prolonged diabetes duration 124

*L. Xu*

**15:00**

First new drug with over 60% complete wound closure in diabetic foot ulcers from phase III trial interim analysis report 124b

*S.C. Chang, J.C. Chen*

**15:10**

Detection of irregular first metatarsal lengths to prevent diabetic plantar ulceration - an application for telemedicine 125

*A.T. Thompson, B. Zipfel, M. Muzigaba, C. Aldous*

**15:20**

Correlation between basal metabolic rate & insulin resistance among type 2 diabetes mellitus with peripheral neuropathy 126

*S.K. Amaravadi, A.M. Gundmi, S. Ba, V. K*

14:30 - 16:20

Hall 6

**15:30**

Role and place of X-ray endovascular procedures in treatment of diabetic foot syndrome

127

*S. Ismailov, T. Kamalov***15:40**

Mapping research and innovation activities in diabetic neuropathy: a case of diabetic-foot research in India

128

*S.K. Jena, B. Mishra, A. Yadav, P. Desai***15:50**

Combining diabetic foot and eye screening - a feasibility study

129

*J. Lewis, K. Hutchinson***16:00**

Relationship between prognosis of diabetic foot lesion and hemodialysis in Japanese

130

*T. Hiyoshi, M. Yoshitsugu***16:10**End-stage vascular disease in 10 patients treated with adipose-derived stromal vascular fraction:  
3 year outcomes study

131

*M. Carstens, R. Cortes, A. Gómez, D. Correa*

10:15 - 11:15 Meeting Room 1-3

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### Obesity

*Chair: D. Kapoor (India)*

*Chair: T. Milenkovic (Macedonia)*

10:15	<b>Diabesity: The clinical concern</b>	132
	<i>Speaker: S.R. Joshi (India)</i>	
10:40	<b>Metabolically obese normal weight phenotype</b>	133
	<i>Speaker: B.M. Makkar (India)</i>	
11:05	<b>Discussion</b>	

11:30 - 12:30 Meeting Room 1-3

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### **Surgical approach to diabetic foot ulcers**

*Chair: R. Kesavan (India)*

*Chair: T. Rege (India)*

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	<i>Speaker: S. Bhandari (India)</i>	
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High rate of diabetic limb amputation in Indigenous Australians on dialysis: a wake-up call for diabetes prevention 137

*U. Malabu, R. Gilhotra, V. Vangaveti, G. Kan***14:50**

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*R. Kessy, C. Mhina, A. Sanyiwa, F. Chiwanga, J. Kilemle, D. Mabey, E. Johnson, A. Dale***15:00**

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Burden of cardiovascular risk factors in ultrasonographically diagnosed cases of non-alcoholic fatty liver disease 141

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*M. Yasir, G.P. Senthilkumar, K.R. Babu, M. Vadivelan*

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Day-to-day glycemic variability and the incidence of MI complications in the first 72 hours post MI in diabetic patients

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Serum level of fibronectin in hypertensive patients with type 2 diabetes and obesity

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*O. Mogylnytska, L. Mogylnytska*

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**Insulins and other injectables in managing diabetes and its complications**

*Moderator: To be confirmed*

*Panellist: To be confirmed*

*Panellist: L.M. Gardete Correia (Portugal)*

*Panellist: J. Kesavadev (India)*

11:30 - 12:30

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**The clinical approach to managing a person with early nephropathy**

*Moderator: R. Birne (Portugal)*

*Panellist: D. Rahelic (Croatia)*

*Panellist: Q. Li (China)*

*Panellist: J. Ahmad (India)*

*Panellist: L. Fang (China)*

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*J. Kesavadev, A. Shankar, A.D. Ashok, G. Krishnan, N.A. Ajai, G. Sanal, J. Ajith, S. Jayanthi, L. Ramachandran, S. Jothydev***15:00**

The prevalence of diabetic retinopathy in China: A nationwide survey with artificial intelligence-based cloud platform 149

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Impact of  $\geq 7\%$  weight loss in the management of non-alcoholic fatty liver disease in type 2 diabetics

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Subclinical cardiac autonomic dysfunction in type II diabetes mellitus

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*I. Kurnikova, P. Ogurtsov, R. Sargar*



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**POSTER DISPLAY**

**25-27 OCTOBER**

Posters will be on display as of 14.00 on Thursday 25 October.

Authors of odd-numbered posters will be at their posters from 12.30 to 14.30 on Friday 26 October.

Authors of even-numbered posters will be at their posters from 12.30 to 14.30 on Saturday 27 October.



## Foot - Diabetic Peripheral Neuropathy and Charcot

- Validation of "SPARSH" - innovative new device for the early detection of diabetic peripheral neuropathy** P-001  
*M. Arun (India)*
- Vascular and neurological impairment in patients with type 2 diabetes mellitus and foot ulcer** P-002  
*P. Ganji, A. Sachan, V. B, S. V, M. Y (India)*
- One year review of diabetes patients attending to foot clinic at Yangon General Hospital** P-003  
*Z.C. Pyone, K.S. Than, M.W. Aung (Myanmar Burma)*
- The organizational structure of specialised help to patient with diabetic foot syndrome in Uzbekistan** P-004  
*N. Ibragimova, T. Kamalov, K. Shakirov, L. Kokareva, O. Platonova (Uzbekistan)*
- Evaluation and follow-up of patients with type 2 diabetes: The importance of Screen, Treat, Educate and Prevent (STEP)** P-005  
*D.A. Padhye, A. James, J. Pawar, S. Sudhakaran, N. Pathare (India)*
- Continuous Glucose Monitoring (CGM) as additional tool in assessment of polyneuropathy risk in type 2 diabetes** P-006  
*T. Totomirova, I. Daskalova, M. Arnaudova (Bulgaria)*
- Clinical and biological particularities of type 2 diabetic patients diagnosed with polyneuropathy** P-007  
*A.E. Nica, G. Baraghin, C. Topea, I.V. Vinereanu, O.A. Parliteanu, C. Dobjanschi, G. Radulian (Romania)*
- Diabetic foot risk assessment of patients with type II diabetes in a Tertiary hospital in Nairobi, Kenya** P-008  
*J. Nduati Ngoyo, S. Gatimu, E.W. Njenga (Kenya)*
- Peripheral neuropathy: prevalence, determinants and effect of patients' diabetes knowledge on peripheral neuropathy** P-009  
*O. Ezeajugh, V. Odili, J.F. Chukwu (Nigeria)*

- OPD experience of diabetic peripheral neuropathy in new onset diabetes – an observation study** P-010  
*R. Mohammed, I. Ahmed, R.K. Jaiswal (India)*
- Safety and efficacy of pregabalin and amitriptyline for painful diabetic neuropathy and quality of life of patients** P-011  
*S. Chandni, A. U Thejkumar, N. Manikath, B. George, S. Sadan E (India)*
- Correlation between VPT and ratio of forefoot PPP and rearfoot PPP in patients with type 2 diabetes mellitus** P-012  
*M. Choudhari Kale, A. Vaidya (India)*
- Peripheral neuropathy risk in T2DM patients through assessment of vibration perception threshold: a screening report** P-013  
*S. Shah, J. Balaji, K. Dash, H.R. Boda, J. Sai, D. Cs, U. Ayyagari, S. Das, R.K. Kshirsagar, N. Shivashankarappa, S. Tippisetty, V.K. Kolukula (India)*
- Prevalence of peripheral neuropathy in type 2 diabetes with postmenopausal osteoporosis in Udupi District** P-014  
*S. Gundmi, A.G. Maiya, A.K. Bhat (India)*
- Hydrogels as an alternative treatment for callus formation in diabetes foot ulcers: a report of three cases** P-015  
*S. Anisah, A. Wibudi, S. Setyowati, N. Magfira (Indonesia)*

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*E. Arora, A. Maiya, T. Devasia, R. Bhat, G. Kamath (India)*
- Correlations between parameters of regional hemodynamics in patients with neuroischemic form of diabetic foot syndrome** P-017  
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*M. Dubsky, A. Nemcova, A. Jirkovska, R. Bem, V. Fejfarova, J. Hazdrova, K. Sutoris (Czech Republic)*
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*X. Zhang, Z. Xu, X. Ran, L. Ji (China)*
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*A. Choudhury (Bangladesh)*
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*G. Vadasz, I. Rozsos (Hungary)*
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*S. Jabbar, A. Jain, G. S (India)*
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*M. Aleemuddin, F. Farishta, V. Srinivas (India)*
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*W. Ahmed N, P. G Pai, T. Sa (India)*
- Impact of HBOT on angiogenic factors and its molecular targets in both tissue biopsy and circulation of DFU** P-031  
*R. Kesavan, D. Umapathy, S.S. Changam, V. Ramachandran, R. Kunka Mohanram (India)*

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*I. Daskalova, T. Totomirova (Bulgaria)*
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*T. Hiyoshi, M. Yoshitsugu (Japan)*
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*P. R, S. Gnanasundaram, S.B. Giridharan, B.N. Das, V. Viswanathan (India)*
- One man team approach for diabetic foot amputation prevention** P-046  
*K. Shankhdhar (India)*
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*D.M. Khan, F.R. Menzes, M.S. Moosabba, I.V. Rao (India)*

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*V.Awasthi 09, N. Verma, A. Verma, A. Maheshwari, G. Lamgora (India)*

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**Progression of foot complications among patients with type 2 diabetes in Singapore**

*T. Riandini, M.P. Toh, D.Y. Liu, C.S. Tan, K. Venkataraman (Singapore)*

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**Knowledge of diabetic foot and its risk factors among the residents of Pokhara Valley, Nepal: a descriptive study**

*B. Sathian, A. SINGH, S.H. Subramanya, B. Roy, A. Ghosh, I. Banerjee (Nepal)*

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**Annual assessment of the spectrum of pathogenic microorganisms in infected diabetic foot ulcers in a tertiary center**

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**Increasing access to foot care for the through a community based diabetes health program for diabetes in the Philippines**

*M. Ruiz (Philippines)*

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**Clinical profile and associated factors of wound complications in diabetic foot ulcer - Jakarta, Indonesia**

*W. Wiyono, I.A. Kshanti, N. Magfira (Indonesia)*

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**Amit Jain's classification for diabetic foot - the newly proposed universal classification supreme for diabetic foot**

*A.K.C. Jain, A. Hc, K. Kumar, S. Kumar, H. Kumar (India)*

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# DIABETES CONCERNS EVERY FAMILY

COULD YOU SPOT THE  
WARNING SIGNS?

[www.worlddiabetesday.org/discover](http://www.worlddiabetesday.org/discover)

#WDD2018



International  
Diabetes  
Federation

**1 in 2**  
people with  
diabetes remain  
undiagnosed



world diabetes day  
14 November