



## Global Diabetes Education Perspectives: Similarities, Differences and Opportunities

**Moderator:**  
Amparo Gonzalez

**Presenters:**  
Nancy D'Hondt  
Diana Sherifali  
Melinda Maryniuk  
Milena Alvarez  
Rachel Freeman


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  - Presenter: Nancy D'Hondt, RPh, CDE, FADE: Lilly speaker for U500
  - Presenter: Melinda D. Maryniuk, MEEd, RD, CDE: No COI/Financial Relationship to disclose
  - Presenter: Diana Sherifali RN, PhD, CDE: Disclosures: Astra Zeneca, Merck Frosst, Sanofi and Janssen
  - Presenter: Milena Alvarez, RD, CDE: Johnson & Johnson Diabetes Institute
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**Moderator:** Amparo Gonzalez, MPH, RN, CDE, FADE



- Head Global JJDI
- President AADE in 2008
- Founded and directed Emory Latino Diabetes Education Program and, the Emory Diabetes Training Academy
- Founded and directed the Saint Joseph's Hospital of Atlanta Diabetes Center

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**Presenter:** Nancy D'Hondt, RPh, CDE, FADE



- President of AADE
- Clinical Pharmacist and diabetes educator, St John Providence Hospital and Medical Center, Detroit Michigan

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**Presenter:** Diana Sherifali RN, PhD, CDE



- Associate Professor, School of Nursing, McMaster University, Canada
- Clinical Nurse Specialist, Hamilton Health Sciences, Ontario, Canada
- Expert author of 2013 and 2018 Diabetes Canada Clinical Practice Guidelines
- Co-methods Chair, Methodology, 2018 Diabetes Canada Clinical Practice Guidelines

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**Presenter:** Milena Alvarez, RD, CDE



- J&J Professional Education Latin America
- Her 20 years of experience is broad including Colombia and Mexico
- Working for government, private practice, diploma and professional training programs
- She implements JJDI in LATAM training HCP in hospitals, pharmacies
- Director of the National Council of Diabetes Educators in Mexico

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**Presenter:** Melinda D. Maryniuk, MEd, RD, CDE



- Director of Care Programs for the Education and Care Alliance Division of Joslin Diabetes Center, Boston, MA.
- Melinda has received prestigious awards from the American Dietetic Association and the ADA
- She is a CDE and RD working in diabetes for almost 40 years
- Melinda has worked with diabetes educators and physicians in over a dozen countries.
- Her current projects at Joslin include initiatives in the Kingdom of Saudi Arabia and China
- She is a published author and instrumental in the creation of the DSME standards and the diabetes diabetes education position statement

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**Presenter:** Rachel Freeman, MSc(Diab), APD CDE



- Professional services manager, Australian Diabetes Education Association (ADEA)
- Accredited Practising Dietitian, 2003 and credentialed diabetes educator 2008
- Worked in hospitals, community health centers, private practice both metropolitan and rural/remote across AU
- Current role involves providing clinical context to ADEA.

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**Diabetes: A global emergency**



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**How did it start?**

Dr Elliott Joslin created the role of the wandering nurses in the 1920's



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### Diabetes Education

- How are diabetes educators addressing the global diabetes problem?

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### Diabetes Education: U.S.

#### Diabetes Educator

- Multidisciplinary: "licensed health care professional"
  - CDE ~18,000
  - BC-ADM >1000
  - Licensure: KY, IN
  - Para-professionals
- Individual and team
  - Evolving models of care
  - Population Health
  - Fee for service vs Value-based care

#### Diabetes Education

- Diverse settings
  - Structured
    - accreditation standards
      - AADE & ADA
  - Inpatient
  - Government: HIS, FQHC
  - Virtual
  - Technology assisted
  - DOC role in reinforcement and support

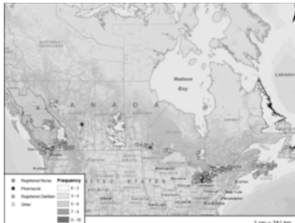
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### USA

- Focus of DSMES: knowledge, skills, behavior change
- AADE7 Self-Care Behaviors
- Physician referral required for reimbursement
- Only 6.8% newly diagnosed with T2DM receive DSMES in 1<sup>st</sup> year after diagnosis
- "DSMES as effective as any oral medication"
- Success in Prevention Space

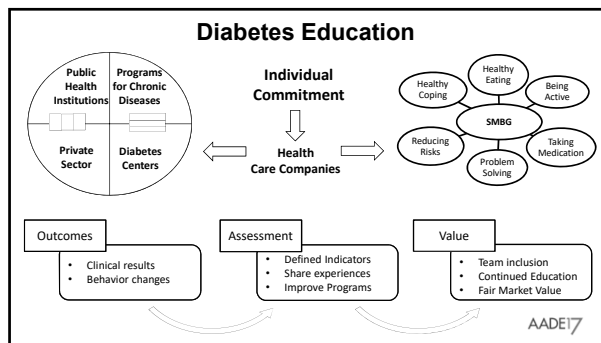
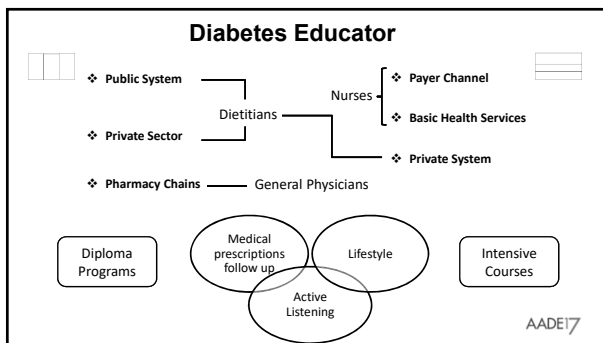
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### Canada



- Universal Health Care
  - 13 different health care systems
- Diabetes Education
  - Available for all
  - Offered in a variety of contexts & circumstances
  - Self Referral or Referral
- Diabetes Educators
  - Mix of professions, education, certifications & experience
  - 'Diabetes Educator' vs. 'Certified Diabetes'
- What we value the most:
  - Access to education and support
  - Interprofessional models of diabetes care
  - Diabetes educators as innovators

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### East: Middle East South East Far East Emerging Markets

- Increase Emphasis on Skills Training and Practicum Experience
- The Diabetes Educator Role is primarily focused on education
- Multiple barriers impact the rapid growth of diabetes education

Opportunities for Collaborative Partnerships!



There is much we can learn from each other!

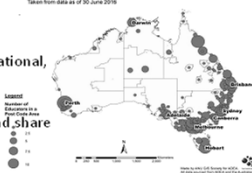
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### AUSTRALIA

- Credentialed Diabetes Educators – Multidisciplinary
- Person-centred, diabetes self-management education
- Partly government funded
- Education and support may be educational, psychosocial, behavioural or clinical.
- 'Value of a CDE' – efforts to prove and share

Distribution of Credentialed Diabetes Educators Across Australia  
Taken from data as of 30 June 2016



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What value does the diabetes educator bring to diabetes care?

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What makes for a successful diabetes educator?

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How does diabetes education contribute to the management of diabetes?

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**Take Aways**

- By providing diabetes knowledge , skills and support
- Adequate health care system and capacity building
- Creating DSME
- Defining the role of the diabetes educator
- Proving value of diabetes education and diabetes educator
- Complex condition requiring attention 24/7 x 365

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**Q&A**

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Tack  
 Merci  
 Bedankt  
 谢谢  
 Kiitos  
 Dziękujemy

Obrigado  
 ありがとうございます  
 Takk  
 感謝您  
 Tak  
 Gracias  
 Σας ευχαριστούμε

Vielen Dank  
 Grazie  
 Thank You  
 감사합니다

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