

Before We Begin ...



- Our goal is to create a safe space where all participants are comfortable to learn, share, ask questions
 - Everyone brings knowledge and expertise
 - We are always learning too
 - We won't record discussions, but will share monthly education videos
- The coaching sessions will focus on practical pieces of working in diabetes. For details, it is always best to reference the Diabetes Canada Clinical Practice Guidelines (guidelines.diabetes.ca)

What We Plan to Cover Today



- Explaining why we screen for complications
- Screening:
 - Heart
 - Feet
 - Eyes
 - Kidneys
 - Others
- Deciding what to cover in a visit

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Staying on Top of Diabetes



- A diagnosis of diabetes can be scary and stressful
- We've all likely heard stories of complications someone with diabetes had, but this absolutely does not have to be the story!
- Work with healthcare team to take care of whole self, and keep on top of regular screening for any complications

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Screening for Complications



Think about...
Where are our small blood vessels?



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Kidneys 🙌



- Blood pressure <130/80
- Blood pressure pills
- Sick day meds list

Feet



- Blood sugar control
- Blood pressure <130/80
- Activity
- Stopping smoking
- Foot care

Heart



- Blood sugar control
- Blood pressure <130/80
- Heart healthy eating
- Moving your body
- Stopping smoking

Eyes OO

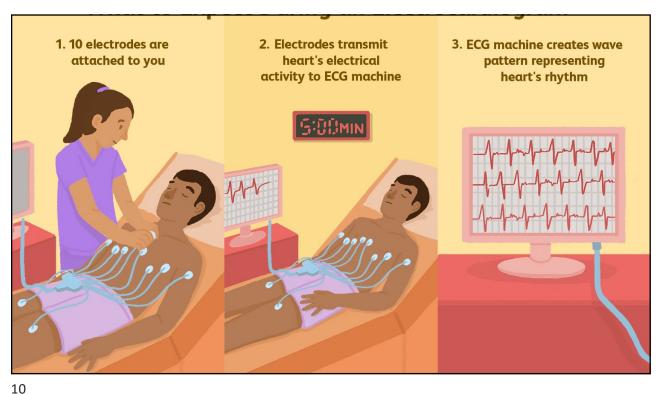
- Blood sugar control
- Blood pressure <130/80

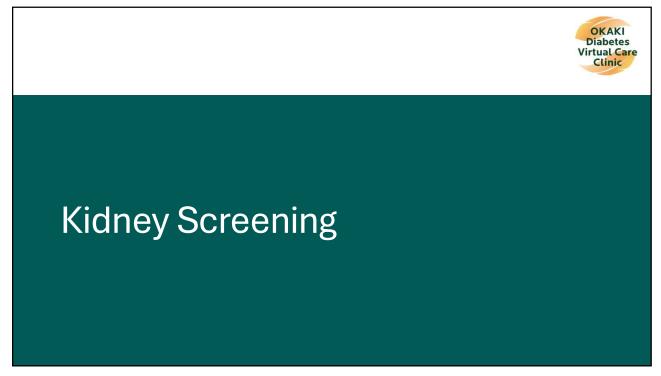


Heart

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Heart Health Screening • Blood Pressure check with every visit • Cholesterol labs every 1-3 years • ECG every 3-5 years Actions • Heart healthy eating • Moving your body • Stopping smoking • Blood pressure less than 130/80 mmHg • Blood sugar at target





Kidneys Screening Blood and urine test every year Actions Blood pressure less than 130/80 mmHg Blood sugar at target Blood pressure pills Sick day medication list

Sick Day Management Diabetes Virtual Care Clinic Sulfonylureas A ACE Inhibitors If unsure, D • Diuretics M call 811 • Metformin • ARBs • NSAIDs • SGLT-2 Inhibitors



Foot Screens and Footcare

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Feet



Screening

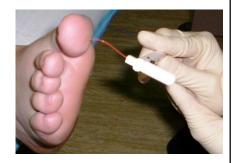
- Foot exam every year
- If using screening tool, guided by risk categories

Risk:

Low- Annual screening

Moderate- every 3-6 months

High- screen every 1-3 months and refer to foot care specialist



AHS Diabetic Foot Screening Tool ***Marti Health Diabetic Foot Screening Tool ***Martin Health Diabetic Foot Screening Tol ***Martin Health Diabetic Foot Scr

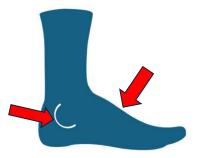
What to check

Sensation: 10g monofilament test, vibration (128 Hz tuning fork), pinprick

Circulation: Foot Pulses (dorsalis pedis, posterior tibial)

Skin and Structure: Deformities, calluses, ulcers, infections, footwear issues.

Where's the pulse?



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Red flags and referrals

- Podiatry referral:
 - For callus management, orthotics, vascular wound care if needed
- Immediate referral if:
 - Ulcer present
 - Signs of infection (redness, warmth, swelling, pus)
 - Critical ischemia (Absent pulses + symptoms)

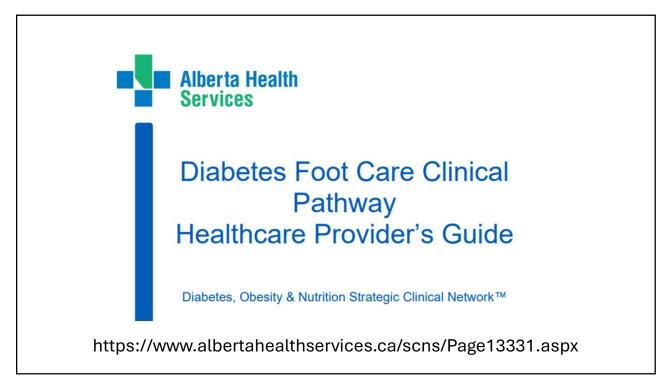
Use standardized forms to keep track of changes

Patient teaching

- Regular foot checks
- Proper footwear
- Nail and skin changes
- When to seek help
 - Cuts, changes in color, swelling, pain



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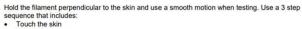
How to



- · Provide privacy, have patient remove footwear
- Explain procedure and wash hands or apply gloves (especially if patient reports any ulcerations)
- Touch monofilament to the arm or hand to show what to expect
- Hold monofilament perpendicular to foot, touch until it bends into that 'c' and hold for 2 seconds.
- Randomly test the 5 areas (avoid cracks, ulcers/sores or scars)
- Revisit any sites where they did not feel monofilament to confirm LOS
- Document



- 1. Plantar surface of the great toe
- 2. Plantar surface of the first metatarsal head
- 3. Plantar surface of the third metatarsal head
- 4. Plantar surface of the fifth metatarsal head
- 5. Dorsum of big toe (not on the toenail)



- Bend the filament Remove from the skin







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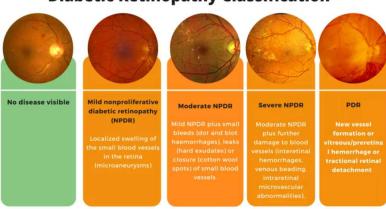


Retinal Screening

Retinopathy

- Microvascular complication of diabetes that effects the retina
- Increased risk of blindness → leading cause of vision loss in adults.
- Progression: Non-Proliferative >> proliferative
 Macular edema may occur at any stage

Diabetic Retinopathy Classification



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Risk Factors and Screening

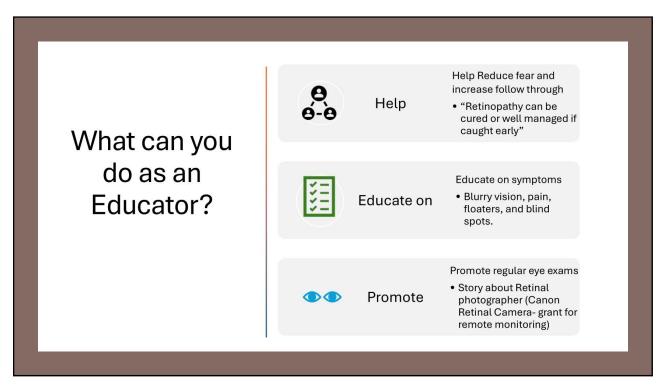


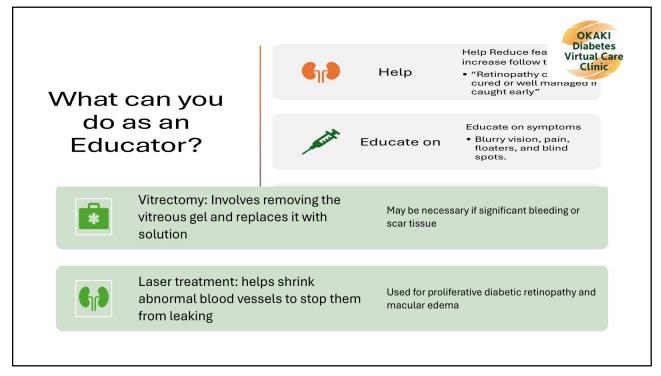
Key Risk Factors

- Long Duration of diabetes
- poor glycemic control (A1C goal </= 6.5%)
- Hypertension and dyslipidemia

Screening

- Type 1: Initial exam 5 years after diagnosis
- Type 2: At diagnosis
 Can repeat every 1-2
 years depending on glycemic control







Screening for Other Complications

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Other Complications

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- Mental health
- Sexual health
- Dental Health
- Immune Support





How do I cover this all? How do I decide what to cover?

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Staying on Top of Screening



After diagnosis:

- ECG
- Foot exam
- · Retinal exam
- · Kidney test

Every appointment:

· Blood pressure

Every 3 months:

• HbA1c

Once a year:

- Cholesterol
- Kidney test
- Foot exam
- Immunizations
- Dentist visit
- Discuss sexual health and mental health

Staying on Top of Screening



- Summaries available of how often each should be screened (either for clinic use or the patient)
- Tasks if using an EMR
- Rotating topics as clinic/team priority

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7.0	CDES of dia	betes care		
		GUIDELINE TARGET (or personalized goal)		
A	A1C with other (CGM*, BG*) glycemic targets *when indicated/accessible	A1C ≤7.0% (or ≤6.5% to ↓ risk of CKD and retinopathy) If on insulin or insulin secretagogue, assess for hypoglycemia and ensure driving safety A1C 6.0 - <6.5% for selected adults with type 2 diabetes with potential remission to prediabetes A1C 6.0 for selected adults with type 2 diabetes with potential remission to normoglycemia		
В	BP targets	BP <130/80 mmHg If on treatment, assess for risk of falls		
c	Cholesterol targets	LDL-C \leq 2.0 mmol/L (or >50 % reduction from baseline); Alternative: non-HDL-C \leq 2.6 mmol/L, apo B \leq 0.8 g/L If ASCVD, LDL \leq 1.8 mmol/L. Alternative: non-HDL-C \leq 2.4 mmol/L, apo B \leq 0.7 g/L		
D	Drugs for CV and/ or Cardiorenal protection	• GLP1-RA + SGLT2i with demonstrated cardiorenal benefits if type 2 with ASCVD, CKD or HF, OR Age >60 with ≥2 CV risk factors • ACE/I/ARB if CVD, age ≥55 with risk factors, OR diabetes complications • Statin if age ≥40, age ≥30 and diabetes >15 years OR diabetes complications • ASA if CVD +/- finerenone if T2D + CKD with albuminuria		
E	Exercise goals and healthy eating	150 minutes of moderate to vigorous aerobic activity/ week and resistance exercises 2-3 times/week Follow healthy dietary pattern (eg Mediterranean diet, low glycemic index)		
s	Screening	Cardiac: ECG every 3-5 years if age >40 OR diabetes complications Foot: Monofilament/Vibration yearly or more if abnormal Kidney: Test eGFR and ACR yearly, or more if abnormal Retinopathy: type 1 - annually; type 2 - every 1-2 years Immunizations: ensure up-to-date as per NACI recommendations		
S	Smoking cessation	If smoker: Ask permission to give advice, arrange therapy and provide support		
s	Self-management, stress, sleep, other barriers	 Set personalized goals (see "individualized goal setting" panel) Assess for stress, sleep, mental health and financial or other concerns that might be barriers to goals 		

Diabetes Screening, Targets and Treatment Cheat Sheet

◆ Microvascular Screening							
9		Type 1		Type 2			
	Test	Initial	Follow up	Initial	Follow up		
Nephropathy	eGFR, ACR	5 years after diagnosis	Annually	At diagnosis	Annually		
Retinopathy	Varied imaging and interpretation via trained professional	5 years after diagnosis and ≥15 years old	Annually	At diagnosis	Every 1-2 years if normal		
Neuropathy	10 g monofilament or Vibration tuning fork	5 years post- pubertal duration of diabetes	Annually	At diagnosis	Annually		

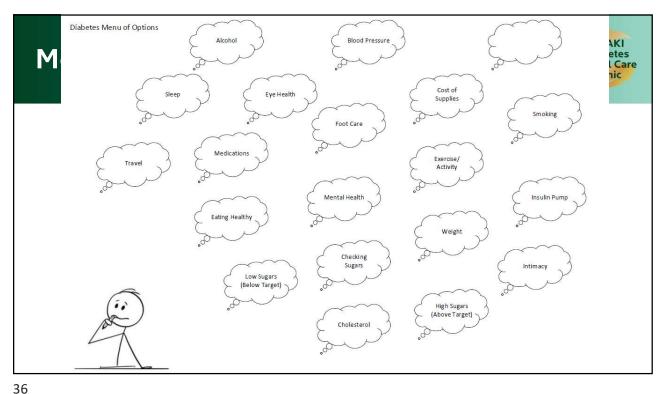
	80	Who	When
CVD	Resting ECG	- Age >40 years - Duration of diabetes >15 years and age >30 years - End-stage organ damage - £1 CVD risk factor - >40 years and planning vigorous or prolonged exercise	Every 3-5 years
CAD	Exercise ECG stress testing*	- Cardiac symptoms - Signs or symptoms of associated diseases of PAD, carotid bruits, or TIA - Stroke - Resting abnormalities on ECG - CAC score > 400 Agatston score	In place of ECG for those listed
PVD	Palpation of peripheral pulses	Emphasized for those with suspected PVD	As part of routine clinical exam

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Diabetes Passport



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Wrapping Up...



- Questions?
- Reminder.... June 17th 1:00 2:30 Navigating the Emotional Landscape of Diabetes
- We are going to take the summer off from coaching thank you for joining! Will restart again in the fall, please spread the word to others who might be interested in joining.