



DVLA GUIDANCE FOR PLWD- WHO SHOULD TEST AND WHEN

SICK DAY GUIDANCE CONTRACEPTION-KEY CONSIDERATIONS

Blood glucose monitoring and diabetes: DVLA

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Assessing fitness to drive

- https://www.gov.uk/government/publicatio ns/assessing-fitness-to-drive-a-guide-formedical-professionals
- May 2022 & Jan 2024
- High level changes
- Flash/CGM allowed Gp1
- Clarification of medical standard for diabetes managed by medication other than insulin
- Clarification of medical standard for severe hypoglycaemia due to causes other than diabetes management



Adequate awareness of hypoglycaemia

• SAFE CONTROLLED STOP UNDERPINS THE SAFETY REQUIREMENT

Adequate awareness of hypoglycaemia

- 'the licence holder/ applicant is capable of bringing their vehicle to a safe controlled stop.'
- Reliance on alarms is not accepted as a substitute for adequate symptoms
- Impaired awareness- an inability to detect the onset of hypo because of total absence of warning symptoms
- Severe hypoglycaemia- an episode of hypoglycaemia requiring the assistance of another person
- Caveats sleep- group 1 ok. Group 2 must report all episodes.

Flash gm and rt-cgm

AGroup 1

- Can be used but must carry finger prick cbgm for confirmation
- Confirmation cbg < 4 / symptoms of hypo / reading does not clinically correlate.

• Group 2

- No permitted
- Must use finger prick tests



Monitoring- 2 hour rule

DO NOT DRIVE IF CBG< 4, SNACK IF CBG <5

Group 1 car and motorcycle

- glucose testing no more than 2 hours before the start of the first journey and
- every 2 hours after driving has started
- a maximum of 2 hours should pass between the pre-driving glucose test and the first glucose check performed after driving has started
- applicants will be asked to sign an undertaking to comply with the directions of the healthcare professionals treating their diabetes and to report any significant change in their condition to DVLA immediately

More frequent self-monitoring may be required with any greater risk of hypoglycaemia (physical activity, altered meal routine).



Monitoring Group 2

- Group 2- twice daily on days off
- 2 hour rule
- AND more frequently if altered routine/ activity
- Need meter with memory function



Hypos

- GROUP 1
- MORE THAN 1 EPISODE, WHILE AWAKE IN THE PAST 12 MONTHS
- MUST NOT DRIVE AND MUST NOTIFY

- GROUP 2
- AFTER EVERY SEVERE HYPO IN THE LAST
 12 MONTHS

MUST NOTIFY AFTER ALL EPISODES OF SEVERE HYPO

ALL GROUP 1 AND 2 WHO HAVE A SEVERE HYPO WHILE DRIVING MUST NOT DRIVE AND MUST NOTIFY



Oral meds

Group 1 car and motorcycle

Group 2 bus and lorry

Managed by tablets carrying hypoglycaemia risk

Including sulphonylureas and glinides (for example Repaglinide, Nateglinide)

May drive and need not notify DVLA, provided:

- no more than 1 episode of severe hypoglycaemia while awake in the last 12 months and the most recent episode occur carnore than 5 months ago
 - should practise appropriate glucose monitoring at times relevant to driving
 - under regular review

It is apply prints to sher self monitoring of blood glucose at times relevant to driving to enable the detection of hypoglycaemia.

If the above requirements and those set out in Appendix D (page 127) are met, DVLA need not be informed.

DVLA must be notified if clinical information indicates the agency may need to undertake medical enquiries.

May drive but must notify DVLA.
All the following criteria must be met for DVLA to issue a licence for 1, 2 or 3 years:

- no episode of severe hypoglycaemia in the last 12 months
- full awareness of hypoglycaemia
- regular self-monitoring of blood glucose – at least twice daily and at times relevant to driving i.e. no
 more than 2 hours before the start of the first journey and every 2 hours while driving
- demonstrates an understanding of the risks of hypoglycaemia
- has no disqualifying complications of diabetes that mean a licence will be refused or revoked, such as visual field defect

Insulin

Group 1 car and motorcycle

Group 2 bus and lorry

Must meet the criteria to drive and must notify DVLA.

All the following criteria must be met for DVLA to license the person withinsulin-treated diabetes for 1, 2 or 3 years:

- adequate awareness of hypoglycaemia
- no more than 1 episode of severe hypoglycaemia while awake in the preceding 12 months and the most recent episode occurred more than 3 months ago (see recurrent severe hypoglycaemia guidance below)
- practises appropriate glucose monitoring as defined in the box below
- not regarded as a likely risk to the public while driving
- meets the visual standards for acuity and visual field (see Chapter 6, visual disorders, page 98)
- under regular review

Must meet the criteria to drive and must notify DVLA.

All the following criteria must be met for DVLA to license the person with insulin-treated diabetes for 1 year (with annual review as indicated last below):

- full awareness of hypoglycaemia
- no episode of severe hypoglycaemia in the preceding 12 months
- practises blood glucose monitoring with the regularity defined in the box below.
- must use a blood glucose meter with sufficient memory to store 3 months of readings as detailed below
- demonstrates an understanding of the risks of hypoglycaemia

no disqualifying complications of diabetes (see page 77) that would mean a licence being refused or revoked, such as visual field defect (see Chapter 6, visual disorders, page 98)

Exception is temporary insulin < 3 months for group 1





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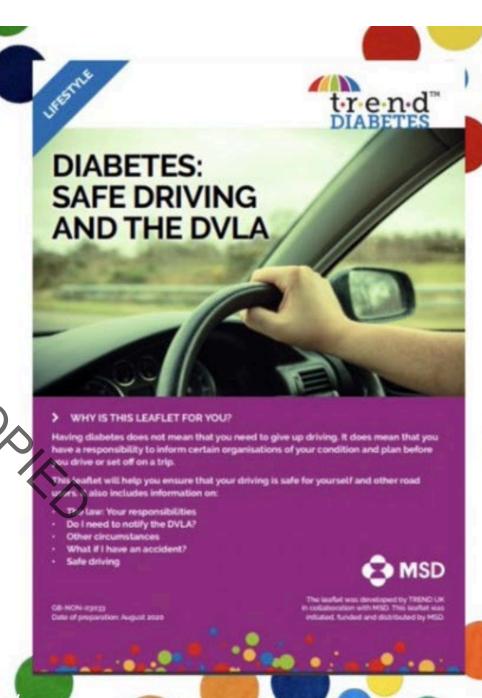
Save for later

DIABETES AND YOUR DRIVING ESCENCE

SAFE DRIVING AND THE DVA

To help ensure safe driving this leaflet includes:

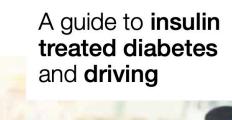
- The law: Your responsibilities
- Do I need to notify the DVLA?
- What if I have an accident?
- Other circumstances
- Safe Driving



https://trenddiabetes.online/portfolio/diabetes-safe-driving-and-the-dvla



INF294



Drivers who have any form of diabetes treated with any insulin preparation must inform DVLA.



Driver & Vehicle Licensing Agency

INF188/2

Information for drivers with diabetes treated by non insulin medication, diet, or both.

Please keep this leaflet safe so you can refer to it in the future

Car and motorcycle drivers do not need to tell us if their diabetes is treated by tablets, diet, or both and they are free of the complications listed over the page. There are different rules if you have passed your test to drive lorries or buses (group 2). Please visit gov.uk/diabetes-driving

Some people with diabetes develop associated problems that may affect their driving.



Other considerations

- Insurance
- Vision
- Amputation

 - NeuropathyRenal disease

Case 1

- 57 year old man
- T2 dm 8 years bmi 34. a1c 72
- Met 2g empa 10mg semaglutide 1mg

- Does he:
- Need to monitor?
- Need to notify?
- What would change this?



Case 2

- 67 year old female
- Type 2 dm 12 years
- Bmi 31 a1c 63 egfr 52
- Mtf 1g semaglutide 1mg glic 80 mg bd

- Does she:
- Need to monitor?
- Need to notify?
- What would change this?
- Severe hypo 2 months ago
- Insulin therapy

summary

When to inform the DVLA	Group 1 (Car, motorcycle)	Group 2 (LGV/PCV)
Managed by diet alone	×	×
Tablets not included below. These have a low risk of causing hypos	×	✓
Tablets that carry a risk of hypos. This includes sulphonylureas, such as gliclazide, and glinides (repaglinide) and nateglinide)	×	•
You should inform the DVLA if you have a severe hypo	More than one episode of severe hypo while awake in the preceding 12 months	Single episode of severe hypo even if this happened during sleep
Non-insulin injections	×	✓
Insulin	✓	✓
If you have hypo unawareness you must not drive and must notify the DVLA	Driving may resume after a clinical report by a GP or Consultant Diabetes Specialist confirms that hypoglycaemia awareness has been regained	The licence will be refused or revoked
If you take insulin for less than 3 months eg. following a heart attack	×	✓
If you continue to take insulin for more than 3 months after delivery of your baby	~	✓

SICK DAY GUIDANCE DURING INTERCURRENT ILLNESS

- MANAGE GLUCOSE LEVELS
- ENSURE ADEQUATE CALORIE INTAKE AND HYDRATION
- TEST FOR AND MANAGE KETONES
- RECOGNISE WHEN FURTHER

 MEDICAL ATTENTION IS REQUIRED

CONDITIONS WHICH SHOULD TRIGGER ADVICE

- THE COMMON COLD
- INFLUENZA/ COVID
- D&V
- **UTI**
- CHEST INFECTION/ PNEUMONIA
- ABSCESS
- INJURY EG FRACTURE



'SICK' DAY RULES

General advice for managing diabetes during intercurrent illness

 Blood glucose levels can rise during illness even if the person is not eating • Advise to increase blood glucose monitoring if the person has access to it (Sugar) Diabetes medications (sulfonylureas and insulin doses) may need to be increased temporarily during illness to manage these raised glucose levels NEVER stop insulin or oral diabetes medications* • Insulin doses may need to be increased during illness, especially if ketones are present (Insulin) Specific advice for people on insulin therapy is presented overleaf Ensure the person maintains hydration and carbohydrate intake • If the person is not able to eat or is vomiting, advise to replace meals with sugary fluids • If blood glucose levels are high, maintain fluid intake with sugar-free fluids (Carbohydrate) If blood glucose levels are low, encourage regular intake of sugary fluids ● In type 1 diabetes, advise to check for ketones every 4–6 hours. If present, check every 2 hours • Give extra rapid-acting insulin doses (in addition to regular doses) based on total daily (Ketones) insulin dose if ketones are present – see insulin algorithm overleaf Advise to drink plenty of water to maintain hydration and flush through ketones

*Metformin and SGLT2 inhibitors may need to be temporarily stopped if at risk of dehydration (see SADMAN rules below.

SADMAN



- M • N
- SGLT2
- ACEI
- DIURETICS
- METFORMIN
- ARB'S
- NSAIDS



SADMAN

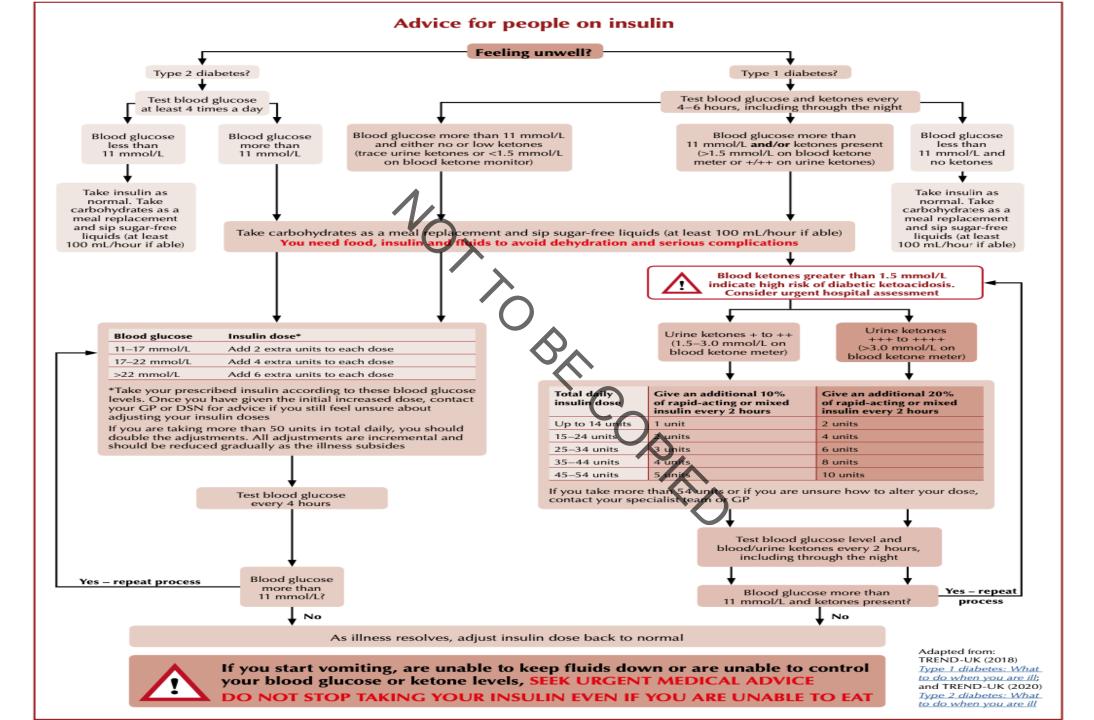
SADMAN rules: There are several classes of drugs that should be temporarily stopped in conditions that could lead to complications

S	SGLT2 inhibitors	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing euglycaemic DKA	AL GLP-1
A	ACE inhibitors	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing AKI due to reduced renal efferent vasoconstriction	
D	Diuretics	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing AKI	
M	Metformin	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing lactic acidosis	
A	ARBs	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing AKI	
N	NSAIDs	If taken during an acute illness that can lead to dehydration, there is an increased risk of developing AKI due to reduced renal afferent vasodilation	CARE WI

CARE WITH CKD

Once the person is feeling better and able to eat and drink for 24–48 hours, these medications should be restarted.

F





EDUCATION

Medicine Sick Day Rules



When you are unwell with any of the following:

- · Vomiting or diarrhoea (unless only minor)
- · Fevers, sweats and shaking

Then STOP taking the medicines listed overleaf

Restart when you are well (after 24-48 hours of eating and drinking normally). If you are in any doubt, contact your pharmacist, GP or nurse.



Initially produced by NHS Highland. Reproduced by Dudley Clinical Commissioning Group

Medicines to stop on sick days

ACE inhibitors:	medicine names	endina	in	'pril'

ARBs:

e.g. lisinopril, perindopril, ramipril medicine names ending in 'sartan' e.g. losartan, candesartan, valsartan

■ NSAIDs:

anti-inflammatory pain killers

□ Diuretics:

e.g ibuprofen, diclofenac, naproxen sometimes called 'water pills' e.g. furosemide,

spironolactone, indapamide, bendroflumethiazide

☐ Metformin:

a medicine for diabetes

☐ SGLT2 inhibitors:

medicine names ending in 'gliflozin'

e.g. canagliflozin, dapagliflozin, empagliflozin

Other (please state):

This list is not exhaustive.

When to restart?

• After 24-48 hours of eating and drinking normally.

CONTRACEPTION

- UKMEC
- SPECIAL POPULATIONS
- CONSIDERATIONS FOR TIRZEPATIDE



1,

GLYCAEMIC CONTROL AT CONCEPTION / ANTENATALLY

PRECONCEPTION CARE IS PARAMOUNT

PRE-PRESNANCY REFERRAL

NO RESTRICTION TO EMERGENCY CONTRACEPTION

LEVONORGESTREY DOSE IF HIGH BMI

CONSIDER MEDICATION REVIEW

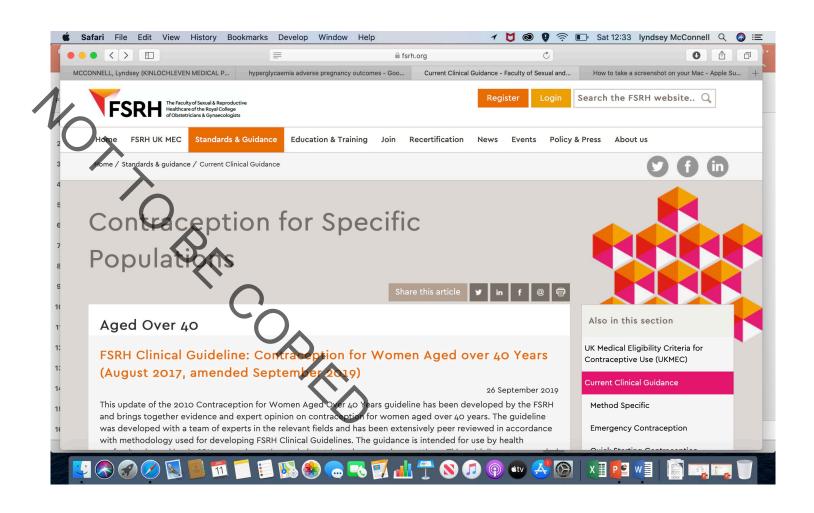
REMEMBER FOLIC ACID 5MG





SPECIAL POPULATIONS

- FSRH
- OVER 40'S
- CARDIAC DISEASE
- OVERWEIGHT AND OBESE
- UKMEC (MEDICAL ELIGIBILITY CRITERIA FOR CONTRACEPTIVE USE)

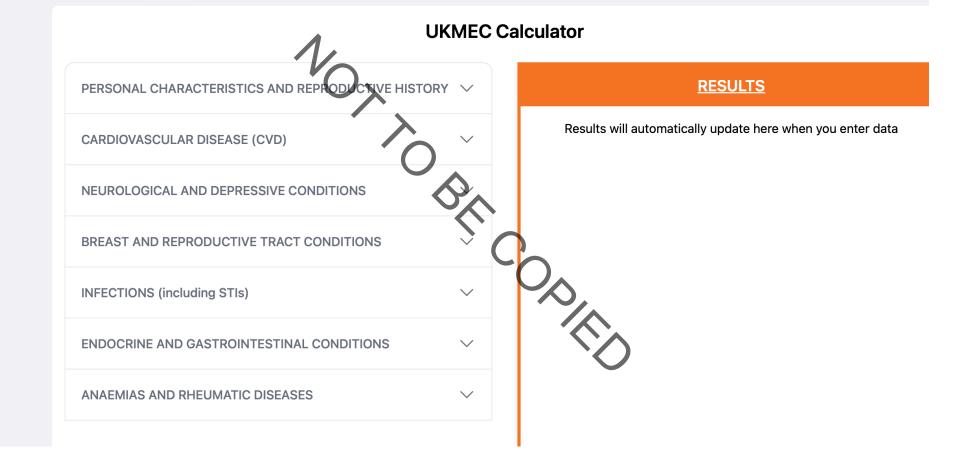




CONDITION	Cu-IUD	LNG- IUS	IMP	DMPA	POP	CHC
1/0		l = lı	nitiation, C	= Continu	uation	

ENDOCRINE CONDITIONS	6					
Diabetes	6/					
a) History of gestational disease	1	\bigcirc^1	1	1	1	1
b) Non-vascular disease		0				
(i) Non-insulin dependent	1	2	2	2	2	2
(ii) Insulin-dependent	1	2	O_2	2	2	2
c) Nephropathy/retinopathy/neuropathy	1	2	2	2	2	3
d) Other vascular disease	1	2	2	2	2	3

UKMEC.co.uk



35 year old T2 DM

Oral therapies

No complications

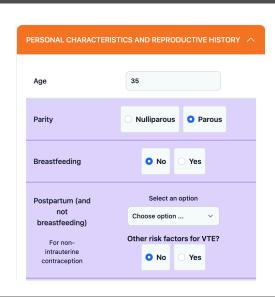
Parous

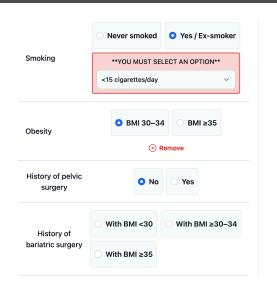
Hypertension during previous pregnancy

Smoker 10 cpd

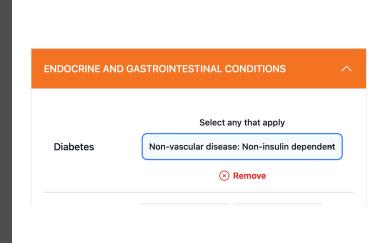
BMI 32. BP 118/68 mmHg

UKMEC.co.uk











Levonorgestrel-releasing intrauterine system (LNG-IUS)

-	2	•	•	
	7	•	J	

CONDITION	CATEGORY
Age (35)	1
Parity (Parous)	1
Smoker (Age 35 or older) <15 cigarettes/day	1
Obesity (BMI 30-34)	1
Multiple risk factors for CVD	2
Hypertension Adequately controlled hypertension	1
History of high BP during pregnancy	1
Diabetes Non-vascular disease: Non-insulin dependent	2

Progestogen-o	nlv i	nill (DOD)	
riogestogenio	iiiy	ן וווע	FUF)	ı



CONDITION	CATEGORY
Age (35)	1
Parity (Parous)	1
Smoker (Age 35 or older) <15 cigarettes/day	1
Obesity (BMI 30-34)	1
Multiple risk factors for CVD	2
Hypertension Adequately controlled hypertension	1
History of high BP during pregnancy	1
Diabetes Non-vascular disease: Non-insulin dependent	2



Progestogen-only injectable (DMPA)



CONDITION	CATEGORY
Age (35)	1
Parity (Parous)	1
Smoker (Age 35 or older) <15 cigarettes/day	1
Obesity (BMI 30-34)	1
Multiple risk factors for CVD	3
Hypertension Adequately controlled hypertension	
History of high BP during pregnancy	1
Diabetes Non-vascular disease: Non-insulin dependent	2

Combined hormonal contraception (CHC)



CONDITION	CATEGORY
Age (35)	1
Parity (Parous)	1
Smoker (Age 35 or older) <15 cigarettes/day	3
Obesity (BMI 30-34)	2
Multiple risk factors for CVD	3
Hypertension Adequately controlled hypertension	3
History of high BP during pregnancy	2
Diabetes Non-vascular disease: Non-insulin dependent	2



TIRZEPATIDE

DELAYS GASTRIC EMPTYING



MAY AFFECT ABSORPTION OF ORAL MEDS

REDUCED EFFICACY CANNOT BE EXLCUDED

WOMEN WITH HIGH BMI ON ORAL CONTRACEPTION

USE BARRIER FOF 4 WEEKS AT INITIATION AND FOR 4 WEEKS AFTER ANY DOSE ESCALATION

SWAP TO NON HORMONAL METHOD

STOP AT LEAST 1 MONTH PRIOR TO A PLANNED PREGNANCY

