



M.S. 1979



Nonpharmacological Therapy Diet Exercise Glycemic goals not achieved

Very Symptomatic Severe Hyperglycemia Ketosis Unrecognized IDDM Pregnancy

Monotherapy

Sulfonylurea
Biguanide
Alpha-Glucosidase Inhibitor
Insulin



Glycemic goals not achieved

Combination Therapy

Frequently used and/or well-studied

Sulfonylurea + biguanide

Sulfonylurea + insulin

Sulfonylurea + alpha-glucosidase inhibitor

Infrequently used and/or less well-studied

Sulfonylurea + biguanide + insulin

Biguanide + alpha-glucosidase inhibitor

Biguanide + insulin

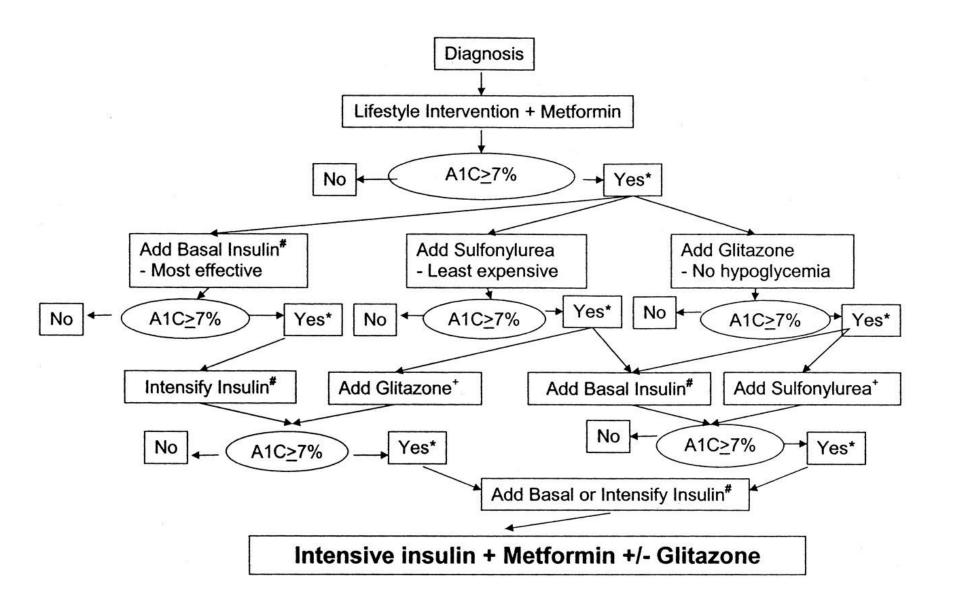
Alpha-glucosidase inhibitor + insulin

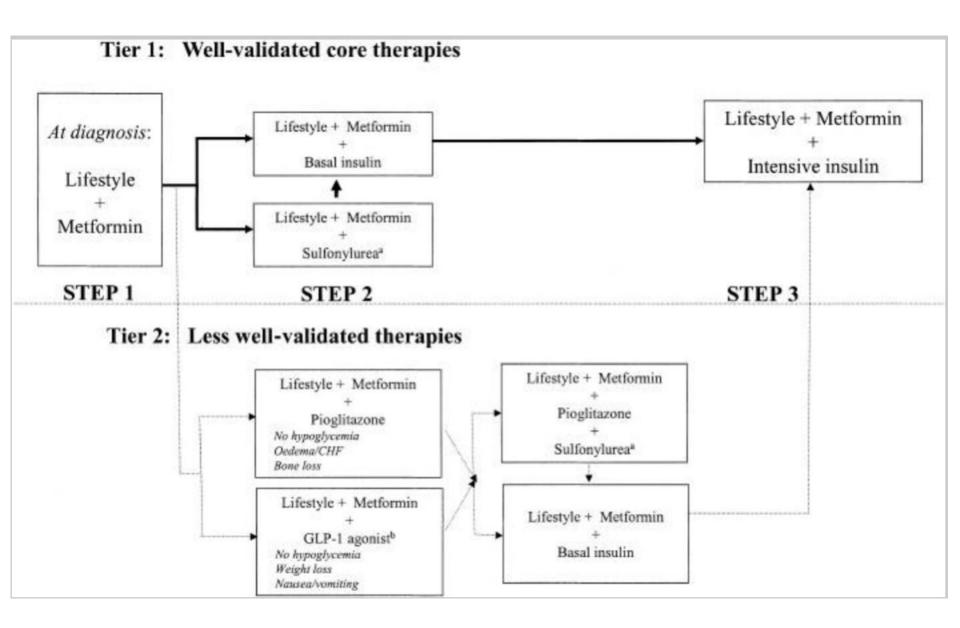
Glycemic goals not achieved

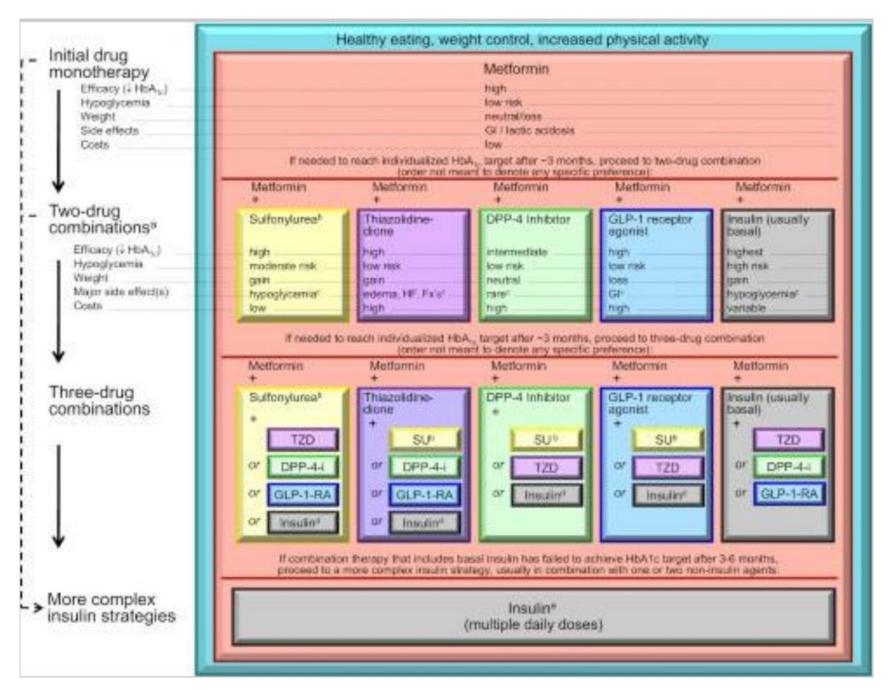
Insulin

Intermediate b.i.d.
Intermediate + regular b.i.d.
Multiple (3 or more) injections
Continuous insulin infusion pump

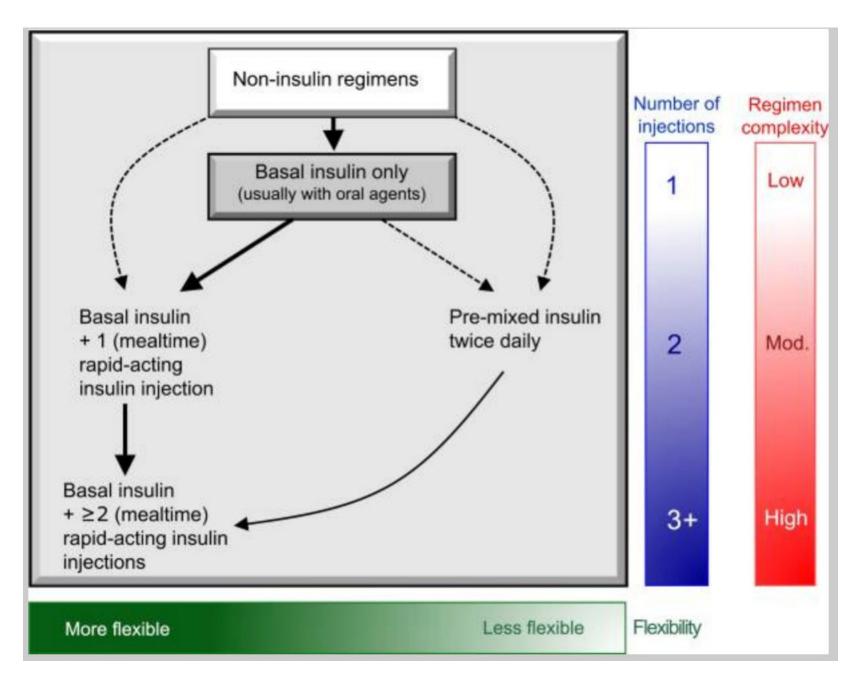
Figure 1—Pharmacological therapy of NIDDM.



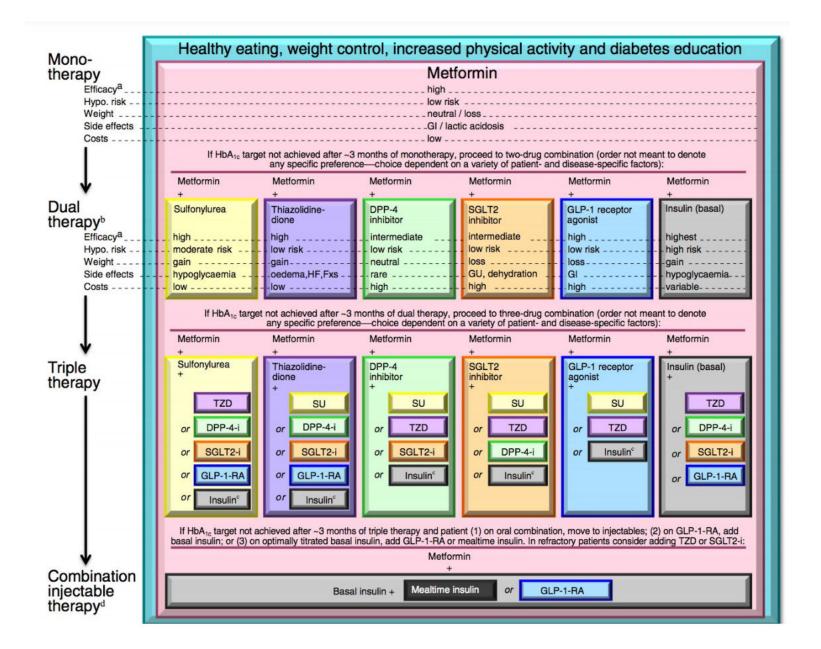


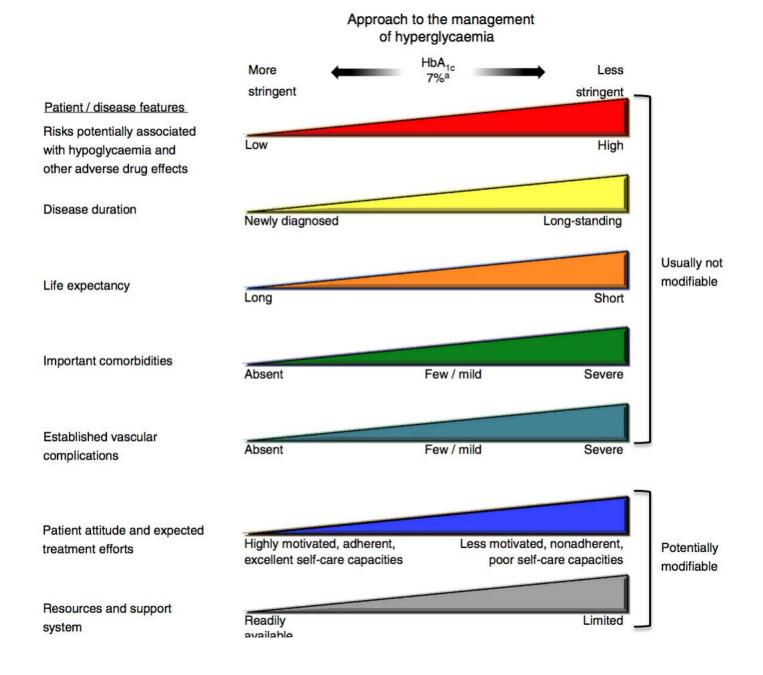


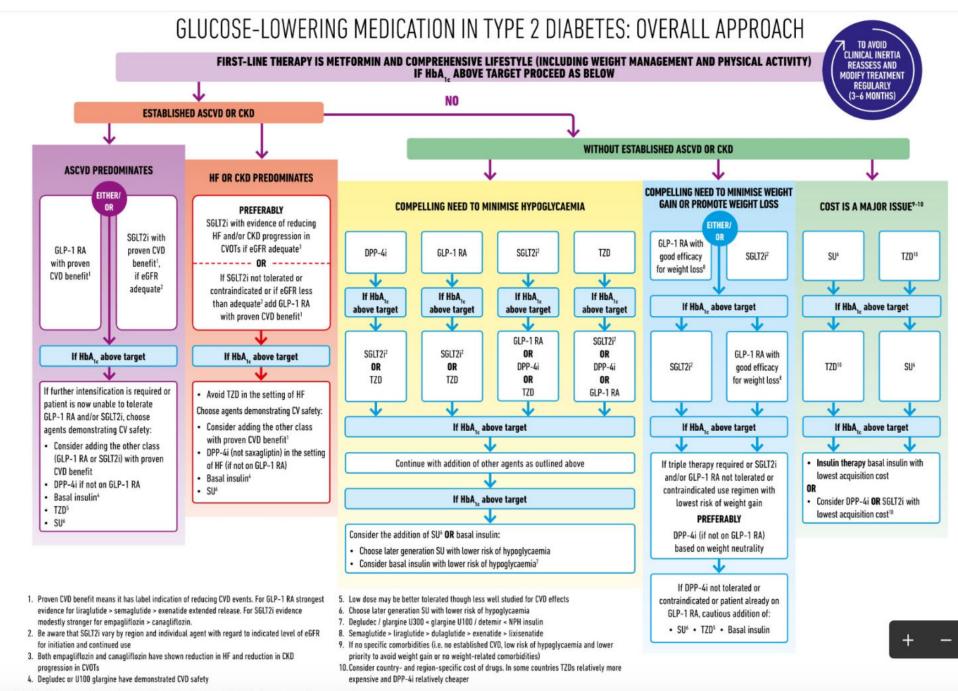
Diabetes Care. 2012 Jun; 35(6): 1364-1379.

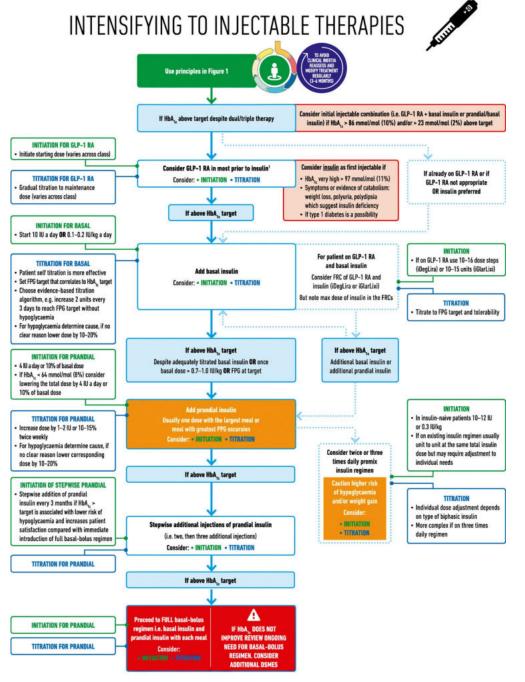


Diabetes Care. 2012 Jun; 35(6): 1364–1379.









^{1.} Consider choice of GLP-1 RA considering: patient preference, HbA, lowering, weight-lowering effect or frequency of injection. If CVD, consider GLP-1 RA with proven CVD benefit

FPG = Fasting Plasma Glucose

FRC = Fixed Ratio Combination PPG = Post Prandial Glucose

GLUCOSE-LOWERING MEDICATION IN TYPE 2 DIABETES: OVERALL APPROACH CLINICAL INERTIA REASSESS AND FIRST-LINE THERAPY IS METFORMIN AND COMPREHENSIVE LIFESTYLE (INCLUDING WEIGHT MANAGEMENT AND PHYSICAL ACTIVITY) MODIFY TREATMENT REGULARLY NO (3-6 MONTHS) INDICATORS OF HIGH-RISK OR ESTABLISHED ASCVD. CKD OR HF Consider independently of baseline HbA, or individualised HbA, target If HbA, above individualised target proceed as below HF OR CKD PREDOMINATES ASCVD PREDOMINATES Particularly HFrEF (LVEF <45%) Established ASCVD COMPELLING NEED TO MINIMISE WEIGHT CKD: Specifically eGFR 30-60 ml Indicators of high ASCVD **GAIN OR PROMOTE WEIGHT LOSS COST IS A MAJOR ISSUE9-10** COMPELLING NEED TO MINIMISE HYPOGLYCAEMIA min-1 [1.73m]-2 or UACR risk (age ≥55 years + LVH >30 mg/g, particularly UACR EITHER/ or coronary, carotid, lower >300 mg/g extremity artery stenosis >50%) OR GLP-1 RA with DPP-4i GLP-1 RA SGLT2i2 TZD good efficacy SGLT2i² SU TZD10 for weight loss® PREFERABLY SGLT2i with evidence of reducing PREFERABLY If HbA, If HbA, If HbA, If HbA. HF and/or CKD progression in GLP-1 RA with proven CVD benefit¹ If HbA, above target If HbA, above target above target above target above target above target CVOTs if eGFR adequate³ ₩ ----- OR -----SGLT2i with proven CVD GLP-1 RA SGLT2i2 If SGLT2i not tolerated or contraindicated benefit1 if eGFR adequate2 SGLT2i2 SGLT2i2 or if eGFR less than adequate2 add OR OR GIP-1 RA with DPP-4i DPP-4i SGLT2i2 T7010 SII GLP-1 RA with proven CVD benefit1 OR OR good efficacy TZD TZD OR OR for weight loss8 If HbA, above target TZD GLP-1 RA If HbA, above target If further intensification is required or If HbA, above target If HbA, above target If HbA, above target patient is now unable to tolerate · Avoid TZD in the setting of HF GLP-1 RA and/or SGLT2i, choose Choose agents demonstrating CV safety: Continue with addition of other agents as outlined above Insulin therapy basal insulin with agents demonstrating CV safety: If quadruple therapy required, or For patients on a SGLT2i, consider SGLT2i and/or GLP-1 RA not tolerated lowest acquisition cost . For patients on a GLP-1 RA, adding GLP-1 RA with proven CVD or contraindicated, use regimen with consider adding SGLT2i with proven If HbA, above target · Consider DPP-4i OR SGLT2i with benefit1 lowest risk of weight gain CVD benefit¹ DPP-4i (not saxagliptin) in the setting lowest acquisition cost¹⁰ . DPP-4i if not on GLP-1 RA PREFERABLY of HF (if not on GLP-1 RA) · Basal insulin' Consider the addition of SU⁶ OR basal insulin: DPP-4i (if not on GLP-1 RA) Basal insulin⁴ TZD⁵ based on weight neutrality Choose later generation SU with lower risk of hypoglycaemia SIJ6 SU⁶ Consider basal insulin with lower risk of hypoglycaemia⁷ 1. Proven CVD benefit means it has label indication of reducing CVD events. 6. Choose later generation SU to lower risk of hypoglycaemia, Glimepiride has shown similar CV safety to DPP-4i If DPP-4i not tolerated or 2. Be aware that SGLT2i labelling varies by region and individual agent with regard to indicated level of eGFR Degludec / glargine U300 < glargine U100 / detemir < NPH insulin contraindicated or patient already on for initiation and continued use 8. Semaglutide > liraglutide > dulaglutide > exenatide > lixisenatide GLP-1 RA. cautious addition of: 3. Empagliflozin, canagliflozin and dapagliflozin have shown reduction in HF and to reduce CKD progression 9. If no specific comorbidities (i.e. no established CVD, low risk of hypoglycaemia and lower priority to avoid SU⁶ • TZD⁵ • Basal insulin in CVOTs. Canagliflozin has primary renal outcome data from CREDENCE, Dapagliflozin has primary heart weight gain or no weight-related comorbidities) 10. Consider country- and region-specific cost of drugs. In some countries TZDs relatively more expensive and failure outcome data from DAPA-HF 4. Degludec and U100 glargine have demonstrated CVD safety DPP-4i relatively cheaper LVH = Left Ventricular Hypertrophy; HFrEF = Heart Failure reduced Ejection Fraction 5. Low dose may be better tolerated though less well studied for CVD effects † Actioned whenever these become new clinical considerations regardless of background glucose-lowering medications. UACR = Urine Albumin-to-Creatinine Ratio: LVEF = Left Ventricular Election Fraction Updates to the 2018 consensus report are indicated in magenta font.

Özetle Bu Kılavuz

- Kalb Yetersizliği, ASKVH ve Renal yetersizlik olup olmadığını araştır
- Eğer tolere edebilirse Metformin başla. Daha sonra,



ASKVH var ise GLP-1 RA veya SGLT2-i

ASKVH ve KY varsa SGLT2-I

ASKVH olsun olmasın KBY varsa SGLT2-I

Fakirse SU / TSZ

Kronik Bakım Modelinin Uygulanması

Kişi merkezli ekip bakım anlayışı,

 Diyabet ve komorbiditelere yönelik uzun vadeli entegre tedavi yaklaşımlar

 Tüm ekip üyeleri arasında işbirlikçi iletişim ve hedef belirleme

Vaka Bazında Yaklaşım

- Öz bakım kapasitelerinin ne olduğu,
- Amaçlarının ve tedavilerinin ne olduğu,
- Glisemik hedeflerinin ne olması gerektiği
- Bakıcı desteğinin olup olmadığı
- Teknolojiden ne kadar yararlanacak?

Glisemiye Yaklaşım

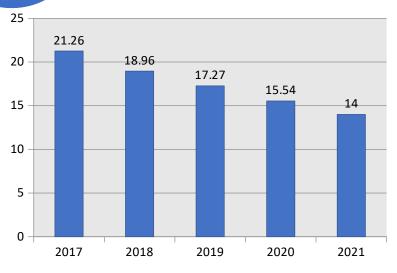
- Başlangıç HbA1c veya bireysel hedefe ulaşılmış HbA1c'den bağımsız kardiyak-renal sonuçlarda etkin yeni tedavilerin kullanımı (mevcut A1C düzeyleri ne olursa olsun, KVH bilinen tip 2 diyabetli tüm hastalar, daha yeni glikoz düşürücü tedaviler için uygun kabul edilmelidir).
- Glisemik takip
- Glisemik değişkenlik

Davranışsal Sağlığı Yönetme

 Hastaların kendi sağlıkları üzerinde daha fazla kontrol sahibi olmaları

Psikolojik sağlıklarını iyileştirmek

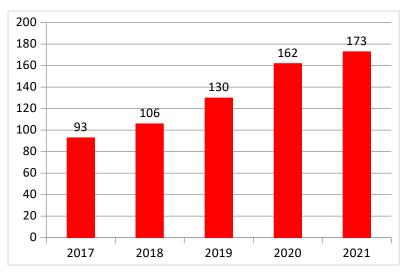
2017 – 2021 Tedavi Seçimindeki Değişim: SÜLFONİLÜRE



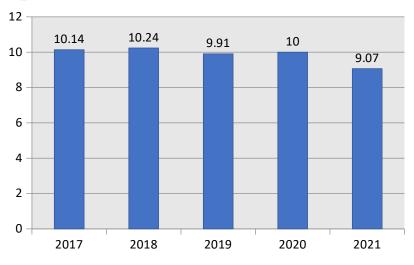
6.29 6 5.63 5.07 5 4.47 4.1 4 3 2 1 2017 2018 2019 2020 2021

Kullanım Oranı(%)

Toplam Maliyetteki Oranı (%)

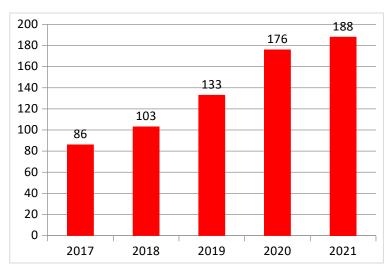


Maliyet (x Milyar TL)



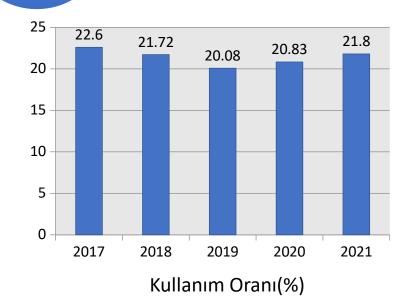
Kullanım Oranı(%)

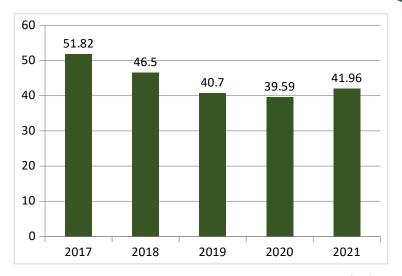
Toplam Maliyetteki Oranı (%)



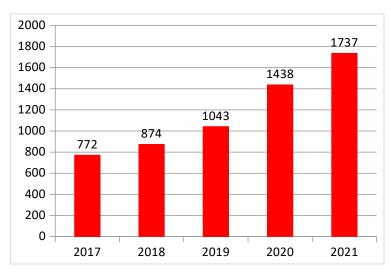
Maliyet (x Milyar TL)

2017 – 2021 Tedavi Seçimindeki Değişim: İNSULİ





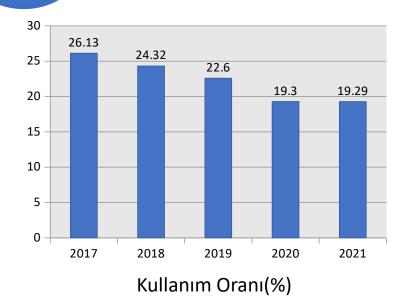
Toplam Maliyetteki Oranı (%)



Maliyet (x Milyar TL)

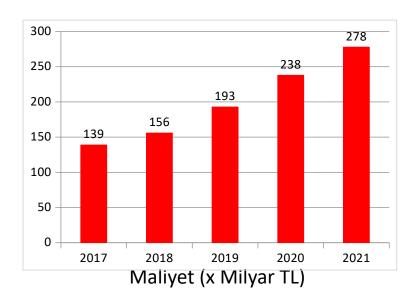
-% 27

017 – 2021 Tedavi Seçimindeki Değişim: BİGUAN



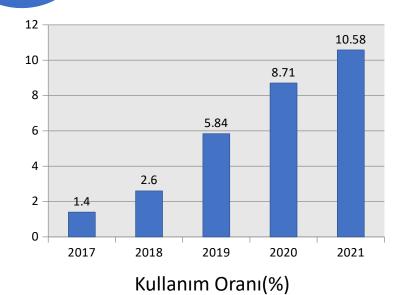
9.36 8.32 7.55 6.58 6.56

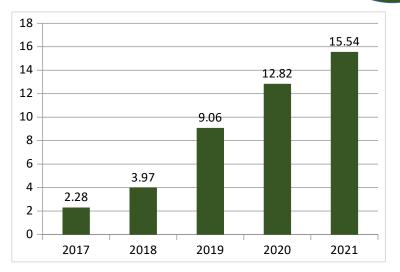
Toplam Maliyetteki Oranı (%)



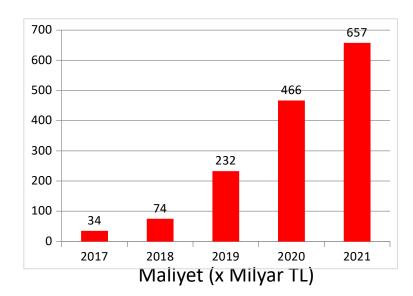
% 655

2017 – 2021 Tedavi Seçimindeki Değişim: SGLT-2 İNHİBİTÖRLERİ

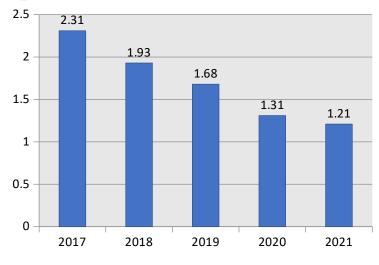




Toplam Maliyetteki Oranı (%)



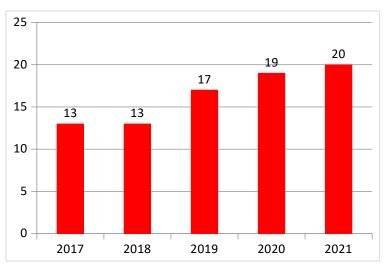
2017 – 2021 Tedavi Seçimindeki Değişim: ALFA GLİKOZİDAZ İNHİBİTÖRLERİ



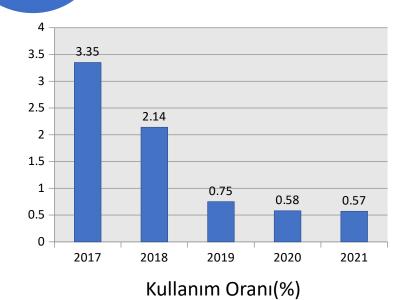
1 0.9 0.86 0.8 0.69 0.67 0.7 0.6 0.52 0.49 0.5 0.4 0.3 0.2 0.1 2017 2018 2019 2020 2021

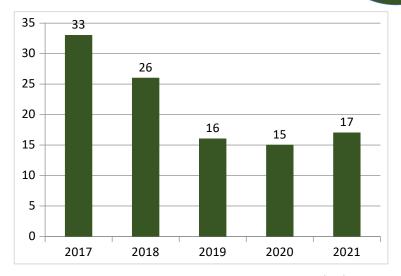
Kullanım Oranı(%)

Toplam Maliyetteki Oranı (%)

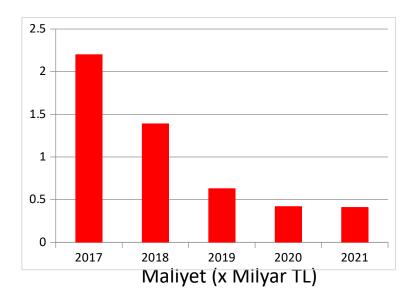


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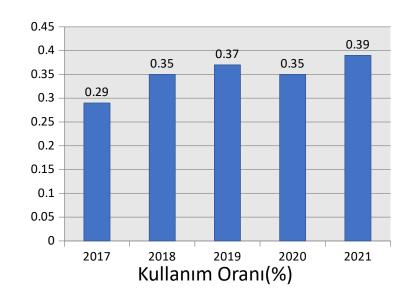


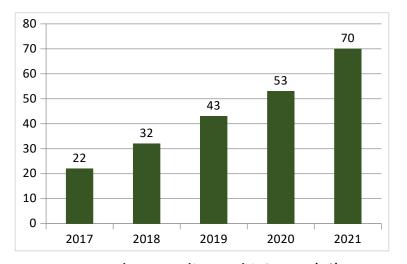


Toplam Maliyetteki Oranı (%)

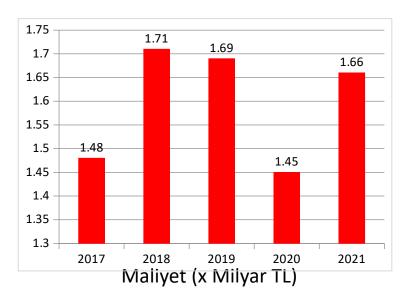


2017 – 2021 Tedavi Seçimindeki Değişim: GLP-1 ANALOGLARI

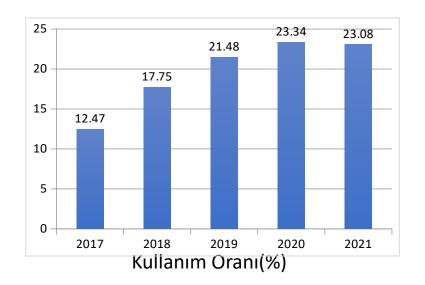


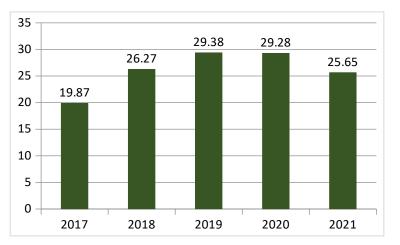


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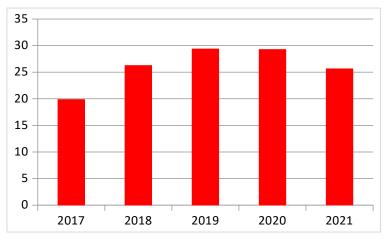


2017 – 2021 Tedavi Seçimindeki Değişim: DPP-IV İNHİBİTÖRLERİ



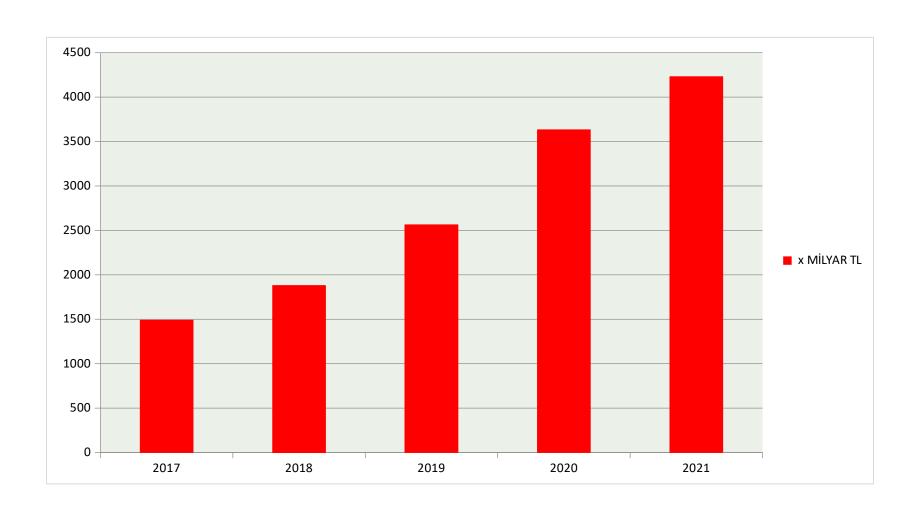


Toplam Maliyetteki Oranı (%)



Maliyet (x Milyar TL)

2017-2021 Yılları Arasında Diyabet Tedavisinde İlaç Maliyeti



Diabetologia https://doi.org/10.1007/s00125-022-05787-2

CONSENSUS REPORT



Management of hyperglycaemia in type 2 diabetes, 2022. A consensus report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD)

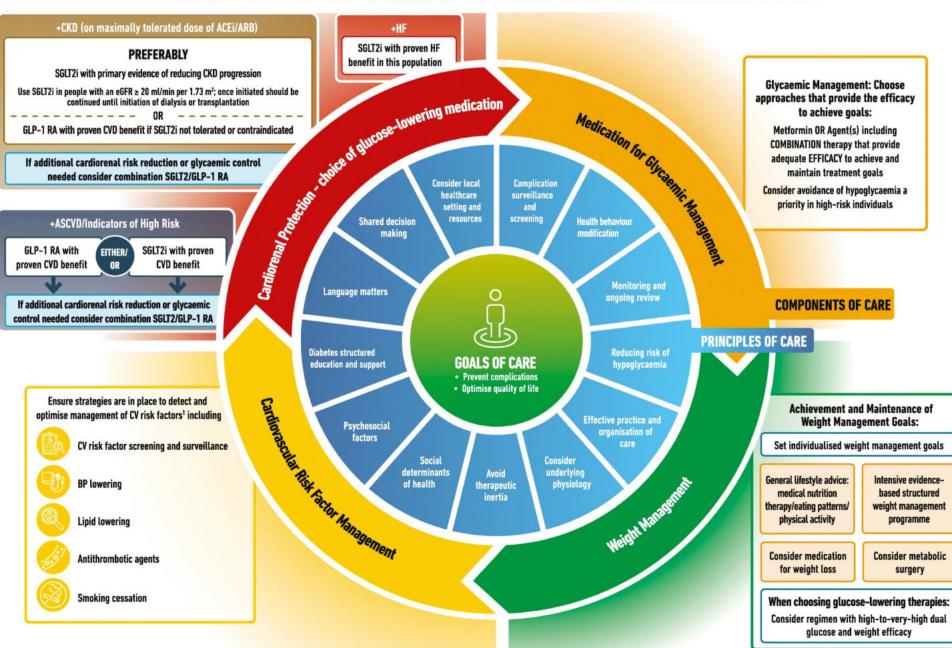
Melanie J. Davies ^{1,2} • Vanita R. Aroda ³ • Billy S. Collins ⁴ • Robert A. Gabbay ⁵ • Jennifer Green ⁶ • Nisa M. Maruthur ⁷ • Sylvia E. Rosas ⁸ • Stefano Del Prato ⁹ • Chantal Mathieu ¹⁰ • Geltrude Mingrone ^{11,12,13} • Peter Rossing ^{14,15} • Tsvetalina Tankova ¹⁶ • Apostolos Tsapas ^{17,18} • John B. Buse ¹⁹ •

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- Glukoz düşürücü......Organ koruyucu
- İletişim /Dil
- Vegan, vejeteryan, düşük karbonhidratlı diyetler en fazla 6 aya kadar etkin, sonrası bilinmiyor.
 Akdeniz diyeti daha uzun sürelerde etkin.
- Uyku 6 saatten az, 8 saatten fazla olmamalı
- Tüm cerrahi çalışma popülasyonlarında remisyon, kilo kaybı düzeyiyle orantılı

HOLISTIC PERSON-CENTRED APPROACH TO T2DM MANAGEMENT



^{1 =} American Diabetes Association Professional Practice Committee. 10. Cardiovascular Disease and Risk Management: Standards of Medical Care in Diabetes-2022. Diabetes Care. 2022 Jan 1;45(Suppl 1):S144-74.

ACEi, Angiotensin-Converting Enzyme Inhibitor; ARB, Angiotensin Receptor Blockers; ASCVD, Atherosclerotic Cardiovascular Disease; BP, Blood Pressure; CKD, Chronic Kidney Disease; CV, Cardiovascular; eGFR, Estimated Glomerular Filtration Rate; GLP-1 RA, Glucagon-Like Peptide-1 Receptor Agoni Failure; SGLT2i, Sodium-Glucose Cotransporter-2 Inhibitor; T2D, Type 2 Diabetes.

IMPORTANCE OF 24-HOUR PHYSICAL BEHAVIOURS FOR TYPE 2 DIABETES

SITTING/BREAKING UP PROLONGED SITTING SWEATING (MODERATE-TO-VIGOROUS ACTIVITY) Limit sitting. Breaking up prolonged sitting (every 30 min) with short Encourage ≥150 min/week of moderate-intensity physical activity regular bouts of slow walking/simple resistance exercises can (i.e. uses large muscle groups, rhythmic in nature) OR ≥75 min/ improve glucose metabolism. week vigorous-intensity activity spread over ≥3 days/week, with no more than 2 consecutive days of inactivity. SITTING/BREAKING UP Supplement with two to three resistance, PROLONGED SITTING flexibility and/or balance sessions. · As little as 30 min/week of moderate-STEPPING intensity physical activity improves metabolic profiles. An increase of only 500 **SWEATING** steps/day is associated **PHYSICAL** with 2-9% decreased **FUNCTION** risk of cardiovascular Physical function/frailty/ morbidity and all-STRENGTHENING sarcopenia cause mortality. A 5 to 6 min brisk · The frailty phenotype in intensity walk per type 2 diabetes is unique, day equates to ~4 years' often encompassing STEPPING greater life expectancy. obesity alongside physical frailty, at an earlier age. The ability of people 24 HOURS with type 2 diabetes to undertake simple SLEEP functional exercises in middle-age is similar to that Aim for consistent. Zz in those over a decade older. uninterrupted sleep, even on weekends. Quantity - Long (>8h) CHRONOTYPE SLEEP QUALITY and short (<6h) sleep durations negatively STRENGTHENING impact HbA... Quality - Irregular sleep results Resistance exercise (i.e. any activity that uses in poorer glycaemic levels, likely SLEEP QUANTITY the person's own body weight or works against influenced by the increased prevalence a resistance) also improves insulin sensitivity and of insomnia, obstructive sleep apnoea and restless leg syndrome in people with type 2 diabetes glucose levels; activities like tai chi and yoga also encompass elements of flexibility and balance. Chronotype - Evening chronotypes (i.e. night owl: go to bed late and

get up late) may be more susceptible to inactivity and poorer glycaemic levels vs morning chronotypes (i.e. early bird: go to bed early and get up early).

		Glucose/insulin	Blood pressure	HbA _{1c}	Lipids	Physical function	Depression	Quality of life
	SITTING/BREAKING UP PROLONGED SITTING	4	4	4	4	1	4	↑
*	STEPPING	4	4	4	4	↑	4	↑
	SWEATING (MODERATE-TO-VIGOROUS ACTIVITY)	4	4	4	+	↑	4	↑
	STRENGTHENING	4	4	+	4	↑	4	^
C	ADEQUATE SLEEP DURATION	4	4	+	+	2	4	↑
	GOOD SLEEP QUALITY	4	4	4	+	0	4	↑
	CHRONOTYPE/CONSISTENT TIMING	V	0	4	0	0	4	0

IMPACT OF PHYSICAL BEHAVIOURS ON CARDIOMETABOLIC HEALTH IN PEOPLE WITH TYPE 2 DIABETES

↑ Higher levels/improvement (physical function, quality of life); ↓ Lower levels/improvement (glucose/insulin, blood pressure, HbA,, lipids, depression); ② no data available;

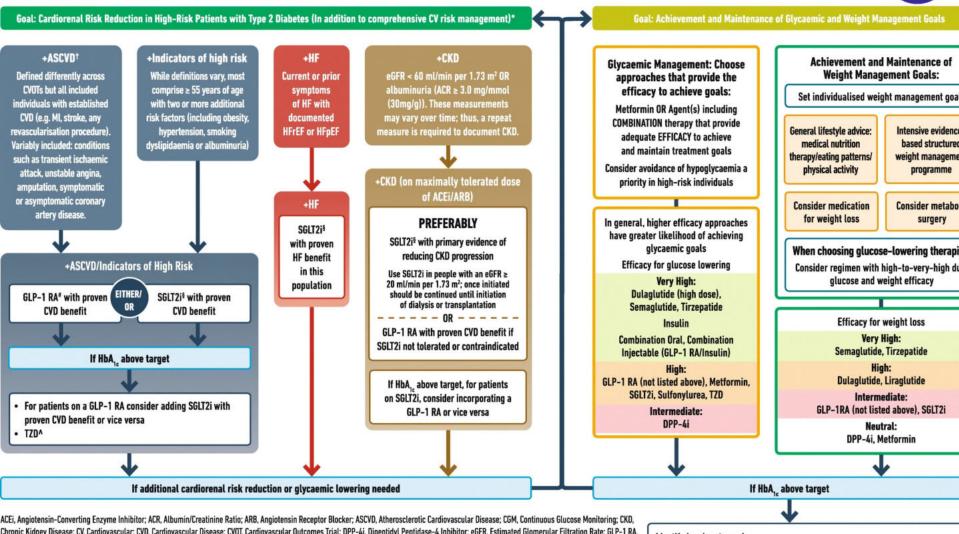
↑ Green arrows = strong evidence; ↑ Yellow arrows = medium strength evidence; ↑ Red arrows = limited evidence.

Tip 2 diyabet için 24 saatlik fiziksel davranışların önemi

USE OF GLUCOSE-LOWERING MEDICATIONS IN THE MANAGEMENT OF TYPE 2 DIABETES

HEALTHY LIFESTYLE BEHAVIOURS: DIABETES SELF-MANAGEMENT EDUCATION AND SUPPORT (DSMES); SOCIAL DETERMINANTS OF HEALTH (SDOH)





ACEi, Angiotensin-Converting Enzyme Inhibitor; ACR, Albumin/Creatinine Ratio; ARB, Angiotensin Receptor Blocker; ASCVD, Atherosclerotic Cardiovascular Disease; CGM, Continuous Glucose Monitoring; CKD, Chronic Kidney Disease; CV, Cardiovascular; CVD, Cardiovascular Disease; CVOT, Cardiovascular Outcomes Trial; DPP-4i, Dipeptidyl Peptidase-4 Inhibitor; eGFR, Estimated Glomerular Filtration Rate; GLP-1 RA, Glucagon-Like Peptide-1 Receptor Agonist; HF, Heart Failure; HFpEF, Heart Failure with reduced Ejection Fraction; HHF, Hospitalisation for Heart Failure; MACE, Major Adverse Cardiovascular Events; MI, Myocardial Infarction; SDOH, Social Determinants of Health; SGLT2i, Sodium-Glucose Cotransporter-2 Inhibitor; T2D, Type 2 Diabetes; TZD, Thiazolidinedione.

* In people with HF, CKD, established CVD or multiple risk factors for CVD, the decision to use a GLP-1 RA or SGLT2i with proven benefit should be independent of background use of metformin; † A strong recommendation is warranted for people with CVD and a weaker recommendation for those with indicators of high CV risk. Moreover, a higher absolute risk reduction and thus lower numbers needed to treat are seen at higher levels of baseline risk and should be factored into the shared decision-making process. See text for details; ^ Low-dose TZD may be better tolerated and similarly effective; § For SGLT2i, CV/ renal outcomes trials demonstrate their efficacy in reducing the risk of composite MACE, CV death, all-cause mortality, MI, HHF and renal outcomes in individuals with T2D with established/high risk of CVD; # For GLP-1 RA, CVOTs demonstrate their efficacy in reducing composite MACE, CV death, all-cause mortality, MI, stroke and renal endpoints in individuals with T2D with established/high risk of CVD.

Identify barriers to goals:

- Consider DSMES referral to support self-efficacy in achievement of goals
- . Consider technology (e.g. diagnostic CGM) to identify therapeutic gaps and tailor the
- · Identify and address SDOH that impact on achievement of goals







Overall, for treatment of hyperglycaemia, metformin remains the agent of choice in most people with diabetes, based on its glucose-lowering efficacy, minimal risk of hypoglycaemia, lack of weight increase and affordability. Often, monotherapy with metformin will not suffice to maintain glucose levels at target. As proposed in the previous consensus report and update [5, 6], other classes of agents are useful in combination with metformin or when metformin is contraindicated or not tolerated. Selection of other glucose-lowering agents will be determined

Practical tips for clinicians (Supplementary Fig. 3)

- The use of a GLP-1 RA should be considered prior to initiation of insulin.
- When initiating insulin, start with a basal insulin and intensify the dose in a timely
 fashion, titrating to achieve an individualised fasting glycaemic target set for every
 person.
- When insulin is initiated, continue organ-protective glucose-lowering medications and metformin.
- Refer for DSMES when initiating insulin or advancing to basal-bolus therapy.

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SEPTEMBER 22, 2022

VOL. 387 NO. 12

Glycemia Reduction in Type 2 Diabetes — Glycemic Outcomes

The GRADE Study Research Group*

The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

Glycemia Reduction in Type 2 Diabetes — Microvascular and Cardiovascular Outcomes

The GRADE Study Research Group*

ABSTRACT

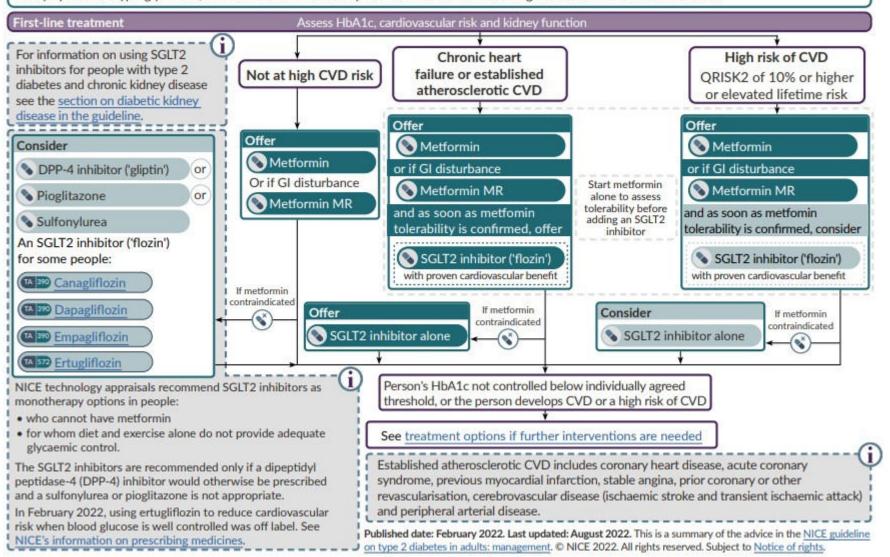
RESULTS

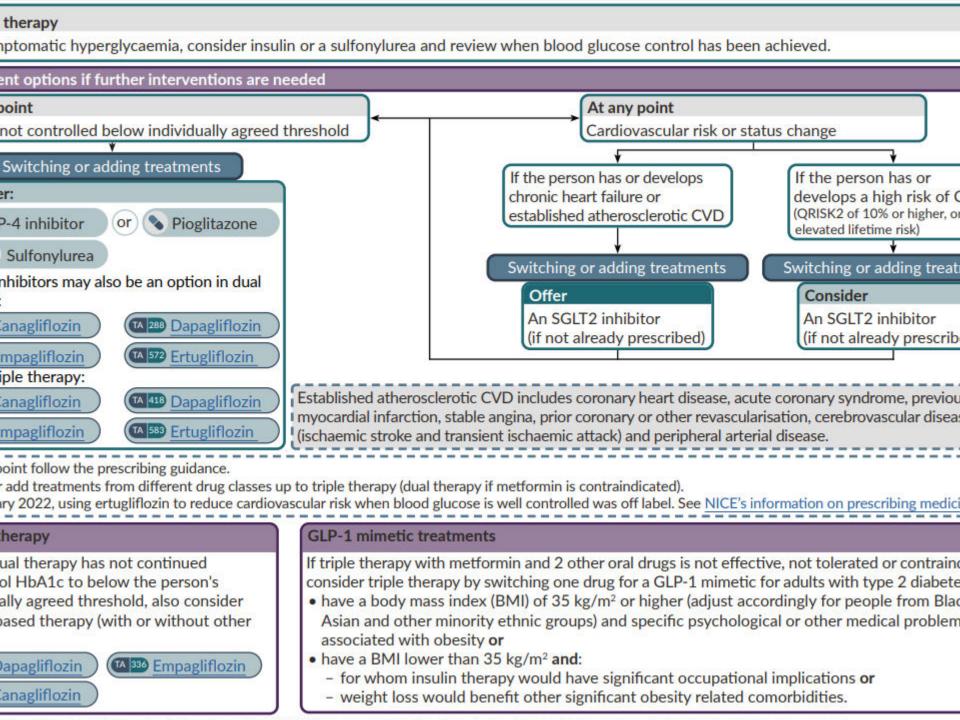
During a mean 5.0 years of follow-up in 5047 participants, there were no material differences among the interventions with respect to the development of hypertension or dyslipidemia or with respect to microvascular outcomes; the mean overall rate (i.e., events per 100 participant-years) of moderately increased albuminuria levels was 2.6, of severely increased albuminuria levels 1.1, of renal impairment 2.9, and of diabetic peripheral neuropathy 16.7. The treatment groups did not differ with respect to MACE (overall rate, 1.0), hospitalization for heart failure (0.4), death from cardiovascular causes (0.3), or all deaths (0.6). There were small differences with respect to rates of any cardiovascular disease, with 1.9, 1.9, 1.4, and 2.0 in the glargine, glimepiride, liraglutide, and sitagliptin groups, respectively. When one treatment was compared with the combined results of the other three treatments, the hazard ratios for any cardiovascular disease were 1.1 (95% confidence interval [CI], 0.9 to 1.3) in the glargine group, 1.1 (95% CI, 0.9 to 1.4) in the glimepiride group, 0.7 (95% CI, 0.6 to 0.9) in the liraglutide group, and 1.2 (95% CI, 1.0 to 1.5) in the sitagliptin group.





For symptomatic hyperglycaemia, consider insulin or a sulfonylurea and review when blood glucose control has been achieved.





AGREE II: advancing guideline development, reporting and evaluation in health care

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See related research articles by Brouwers and colleagues, available at www.cmaj.ca

linical practice guidelines, which are systematically developed statements aimed at helping people make clinical, policy-related and system-related decisions, ^{1,2} frequently vary widely in quality. ^{3,4} A strategy was needed to differentiate among guidelines and ensure that those of the highest quality are implemented.

An international team of guideline developers and researchers, known as the AGREE Collaboration (Appraisal of Guidelines, Research and Evaluation), was established to create a generic instrument to assess the process of guideline development and reporting of this process in the guideline.

Key points

- AGREE II (Appraisal of Guidelines, Research and Evaluation), which comprises 23 items and a user's manual, offers refinements of a new way to develop, report and evaluate practice guidelines.
- Key changes from the original version include a new seven-point response scale, with modifications to half of the items, and a new user's manual.
- AGREE II is available online at the AGREE Research Trust (www.agreetrust.org).

- 11 264 çalışma taranmış, 124 ünün tam metni incelenmiş ve bu çalışmalardan 17 rehber uygunluk sağlamıştır.
- 2008 den önce yayınlanan makaleler çalışmaya dahil edilmemiştir.
- Dahil edilen yayınlar 2012-2018 yılları arasında yayınlanan rehberlerdir.
- Rehberlerin 16 tanesi ulusal kapsamlı ve sadece bir tanesi küresel yaklaşıma sahiptir.

- AGREE PLUS platformunu
 (www.agreetrust.org) kullanılarak AGREE
 aracı ile kılavuzların raporlama kalitesini
 değerlendirilmiştir.
- AGREE aracı altı alanda 23 madde içerir:
- **Kapsam ve amaç** (1–3. sorular);
- Paydaş katılımı (soru 4-6);
- ❖ Geliştirmenin titizliği (7-14. sorular),
- ❖ Sunumun anlaşılırlığı (15-17. sorular);
- ❖ Uygulanabilirlik (18–21. sorular) ve
- **Editoryal tarafsızlık** (22–23. sorular)
- Her soruyu 1'den (kesinlikle katılmıyorum)
 7'ye (kesinlikle katılıyorum) kadar bir dizi seçenekle cevaplamak için yedi puanlık bir ölçek kullanılmaktadır.

- Her alan için %0 ile %100 arasında değişen standart bir puan hesaplanmıştır.
- Tüm alanlar değerlendirildikten sonra her bir kılavuzdaki genel güvenilirlik üç şekilde değerlendirilmiştir:
- **"Kılavuz şiddetle tavsiye edildi."** (Altı alandan dördü ≥ %60);
- ✓ "Kılavuz değişikliklerle birlikte önerildi." (En az iki alan puanı > %60);
- ✓ "AGREE kriterlerine göre çok ciddi problemler nedeniyle kılavuz tavsiye edilmemektedir." (Altı alandan üçü < %30 veya alanların hiçbiri >%60 puan)

Ortalama alan puanları

iyi (≥ %80),kabul edilebilir (%60-79),orta (%40-59) veyadüşük (<%40) olarak

sınıflandırılmaktadır.

Tip 2 Diyabetle İlgili Kılavuzların Kalitesi (AGREE)

	Kapsam ve Amaç	Paydaş Katılım	Geliştirme Titizliği	Sunum Netliği	Uygulanabilirlilik	Editoryal Bağımsızlık		
ADA, 2018	50	44	49	87	26	61	4 (2.6)	Modifikasyonla Önerilir
ICSI, 2014	46	46	40	57	61	88	3.6 (2)	Modifikasyonla Önerilir
AACE/ACE, 2015	51	29	37	66	13	52	3 (1)	Modifikasyonla Önerilir
ACP, 2017	77	50	58	79	36	75	5.3 (0.5)	Modifikasyonla Önerilir
VA/DoD, 2018	92	90	75	79	55	61	6.3 (0.5)	Kuvvetle Önerilir
NICE, 2015	92	77	88	92	84	86	6.3 (0.5)	Kuvvetle Önerilir
Canada, 2018	44	51	56	75	50	63	4.6 (1.1)	Modifikasyonla Önerilir
South Africa, 2012	25	12	4	7	0	0	1.3 (0.5)	Önerilmez
SIGN, 2013	77	61	54	81	72	69	5.6 (1.1)	Kuvvetle Önerilir
Japan, 2018	48	11	18	53	18	0	3.3 (1.5)	Önerilmez
Colombia, 201		72	65	87	63	88	6.3 (0.5)	Kuvvetle Önerilir
Korea, 2017	35	25	29	57	12	47	3.6 (1.5)	Önerilmez
Pakistan, 2017	37	14	6	37	11	27	1.6 (0.5)	Önerilmez
Singapore, 201		33	22	66	25	8	3.6 (1.5)	Önerilmez
Taiwan, 2018	33	22	13	40	6	55	3 (1)	Önerilmez
Malaysia, 2015	5 74	51	40	70	61	72	4.3 (1.52)	Kuvvetle Önerilir
WHO, 2018	90	87	92	92	51	91	6.6 (0.5)	Kuvvetle Önerilir

Kılavuzları çoğu, yerel yargı odaklı öneriler sunmuştur



"İşte bilimin ulaşabileceği en son nokta bu..."

