Appendix 2

Details of expected harm from the identified potentially serious drug-drug interactions for each of the three index conditions.

Index condition

Interacting drugs recommended by any of the 12 guidelines

Type 2 Diabetes	ACEI	ARB	K sparing diuretic	Spironolactone	Aldosterone antagonist	Alpha blocker	Thiazide	Loop diuretic	Nitrate	MAOI	Sodium Aurothiomalate	Beta-blocker	Ca channel blocker	Amiodarone	Sotalol	Flecainide	Domperidone	Reboxetine	Ciclosporin	Lithium	Digoxin	Theophylline	Antipsychotic	Clopidogrel	Dabigatran	Phenindione	Statin	NSAIDs	Warfarin
Metformin																													
Sulfonylurea																												P	P
ACE Inhibitor			K+	K+	K+		BP-	BP-			BP-								K+	P									
Simvastatin / Atorvastatin													M.	- M.					M.										
ARB for hypertension			K+	K+	K+		BP-	BP-											K+	P									
Ca channel blocker for hypertension						BP-						HB-		HB-	HB-	HB-			P		P	P			в		M.		
Diuretic for hypertension	BP-	BP-				BP-									- K-	K-				P	K-								
Alpha blocker for hypertension			BP-	BP-			BP-	BP-		BP-		BP-	BP-		BP-														
Beta blocker for hypertension						BP-							HB-	HB-		HB-			P										
K-sparing diuretic for hypertension	K+	K+																		P									
Other statins																			M.							B			P
Fibrate																										B	M		P
Erythromycin													P				HB+	P	P			P	P	B			- M -		в
PPDE5 inhibitor						BP-			BP-																				
Metoclopramide																			P										
Domperidone																													
Ezetemibe																													
Omega-3 fish oil																													
DPP-4 inhibitor/gliptin																													
Thiazolidinedione																													
GLP-1 mimetic (exenatide)																													
Acarbose																													
Insulin																													

Depression	Aspirin	Warfarin	NSAID	Dabigatran	Clopidogrel	Alpha blocker	Theophylline	ARB	Ace Inhibitor	Diuretics	Lithium	Bupropion	codeine/dihydrocodeine	MAOI	Moclobemide	Tramadol	TCA	Antipsychotic	Erythromycin	Amiodarone	Flecainide	Propafenone	Sotalol
SSRI	в	В	В	В	В		P				Р			CNS	CNS	CNS	VA	VA					
Venlafaxine	в	В	в	в										CNS	CNS			VA					
Mirtazapine														CNS	CNS								
Duloxetine				в										CNS	CNS								-
Reboxetine														CNS									
Flupentixol																							
Tryptophan														CNS							_		
ТСА		в												CNS	CNS	CNS		VA		VA	VA	VA	VA
MAOI						BP						CNS	CNS	CNS	CNS	CNS	CNS	CNS					
Moclobemide					в							CNS	CNS	CNS			CNS						
Lithium			P					Р	Р	Р										VA			
Antipsychotic (aripiprazole, olanzapine, quetiapine, risperidone)										VA							VA	VA	VA	VA	VA		VA

Index condition Interacting drugs recommended by any of the 12 guidelines

Index condition

Interacting drugs recommended by any of the 12 guidelines

HEART FAILURE	Alpha blocker	Sodium Aurothiomalate	PPDE5 inhibitor	Diuretic for BP	ACE Inhibitor	Angiotensin-II receptor antagonist	Digoxin	K+sparing diuretic	Flecainide	Sotalol	Amisulpride / Pimozide	Amiodarone	Propafenone	Ciclosporin	Verapamil	Diltiazem / Nifedipine	Nicardipine	Hydroxychloroquine Chloroquine	Lithium	Theophylline	Methotrexate	Phenindione	NSAIDs / COX2	SSPI	Venlafaxine	Erythromycin	Simvastatin	Sulphonylurea	Aspirin Azathioprine Clopidogrel Dabigatran Esomeprazole Fibrates Fibrates Ruwastatin Rosuwastatin TCA Tramadol
Licenced Betablocker	BP-								HR-			HR-	HR-	Р	BP-	HR-													
ACEI		BP-		BP-				нк						НК					Р										
Aldosterone antagonist					нк	нк	Р	нк						нк					Ρ										
Digoxin				LK								Р	Р	Р	Р	Р	Ρ	Р											
Angiotensin-II receptor antagonist				BP-				нк						нк					Ρ										
Hydralazine																													
Nitrate			BP-																										
Loop diuretic	BP-				BP-	BP-	LK		LK	LK	LK								Р										
Warfarin												в	в										в	в	в	в		Р	В
Aspirin																					Р	в	в	в	в				
Amlodipine	BP-																			Р						Р	м		

Key:

BP- = hypotensive effect; B=bleeding; HR-= bradycardia; VA = ventricular arrhythmias; LK/HK = effect on serum potassium; P= clinically significant altered plasma concentration which might require dosage alteration or closer monitoring; M=myopathy; CNS = central nervous system toxicity.