

## **PART A – Inclusion / Exclusion Criteria**

### ***Inclusion Criteria***

- Article is published in English language.
- Article describes a study conducted using a prospective study design i.e. one of a randomized controlled trial, longitudinal study, or a cohort study.
- Article should determine primary non-adherence i.e. failure to start a new medication after first prescription.
- Article should determine the proportion of adherence to the meds for chronic diseases over a defined period.
- Primary non-adherence should be objectively determined.

### ***Exclusion Criteria***

- Opinion papers, letters to the editor, case reports or case studies, study protocols.
- Articles describing secondary adherence only.
- Articles based on non-human participants.

**PART B – Influence Analysis**

<b>OMITTED</b>	<b>ESTIMATE</b>	<b>95% CONFIDENCE INTERVAL</b>	
Aznar-Lou et al (a)	.14680195	.13060302	.16300087
Aznar-Lou et al (b)	.14835356	.13104442	.16566272
Aznar-Lou et al (c)	.14806619	.13074224	.16539013
Aznar-Lou et al (d)	.14746183	.13014154	.16478211
Bauer et al	.14877315	.1326372	.16490911
Casebeer et al	.14055401	.12461548	.15649255
Chan et al (b)	.14235500	.12641083	.15829918
Chan et al (c)	.13393182	.11923514	.14862849
Cheetham et al	.14629282	.13016278	.16242285
Derosé et al	.14560869	.12954313	.16167426
Ewen et al	.14912379	.13300769	.16523990
Fischer, Jones et al (a)	.14822248	.13209343	.16435152
Fischer, Jones et al (b)	.14899170	.13288683	.16509658
Fischer, Jones et al (c)	.14823902	.13210379	.16437425
Fischer, Stedman et al (a)	.14480911	.12884443	.16077378
Fischer, Stedman et al (b)	.14522164	.12967567	.16076761
Fischer, Stedman et al (c)	.14520936	.12934323	.16107550
Fischer, Stedman et al (d)	.14486678	.12906505	.16066849
Freccero et al	.14641154	.13025567	.16256742
Geffen et al	.14876515	.13263175	.16489854
Jackevicius et al (a)	.14662950	.13053344	.16272554
Jackevicius et al (b)	.14831889	.13210084	.16453692
Jackevicius et al (c)	.14855258	.13241504	.16469011
Jackevicius et al (d)	.14498843	.12897205	.16100481
Karter et al (a)	.14884309	.13273099	.16495520
Karter et al (b)	.14895539	.13311277	.16479802
Karter et al (c)	.14786728	.13161989	.16411467
Kerner et al	.14623559	.13025689	.16221428
Linnet et al (a)	.14775907	.13161831	.16389981
Linnet et al (b)	.14783546	.13162972	.16404122
Linnet et al (d)	.14827728	.13207093	.16448364
O'Connor et al	.14676714	.1306181	.16291618
Raebel et al (a)	.14720088	.13105096	.16335079
Raebel et al (b)	.14819457	.13198103	.16440810
Raebel et al (c)	.14693247	.1307546	.16311033
Shah, Hirsch, Zacker, Taylor et al	.14638244	.13025364	.16251121
Shah, Hirsch, Zacker, Wood et al	.14590682	.12979829	.16201533
Shin et al (a)	.14696507	.13068844	.16324170
Shin et al (b)	.14821562	.13123952	.16519174
Shin et al (c)	.14452475	.12916258	.15988693
Shin et al (d)	.14814284	.13152760	.16475809
Tamblyn et al (a)	.14341226	.12736300	.15946154
Tamblyn et al (b)	.14253594	.12670778	.15836412
Tamblyn et al (c)	.14223514	.12640832	.15806195
Thengilsdottir et al (c)	.14835218	.13218771	.16451664
Thengilsdottir et al (d)	.14799057	.13170432	.16427682
Trinacty et al	.14749266	.13133137	.16365394
Xing et al	.14678700	.13066050	.16291352
<b>POOLED ESTIMATE</b>	<b>.14646214</b>	<b>.13050745</b>	<b>.16241683</b>

*a – Hypoglycemics;*

*c – Lipid lowering medications;*

*b – Antihypertensives;*

*d – Antidepressants*

**PART C – Search Strategies**

**CINAHL**

#	Query	Limiters/Expanders	Last Run Via	Results
S15	S10 AND S14	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	63
S14	S11 OR S12 OR S13	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	648
S13	TI ((primary w3 adherence) or (primary w3 non-adherence) or (primary w3 compliance) or (primary w3 non-compliance) or (baseline w3 adherence) or (baseline w3 non-adherence) or (baseline w3 compliance) or (baseline w3 non-compliance) or (initial w3 adherence) or (initial w3 non-adherence) or (initial w3 compliance) or (initial w3 non-compliance)) OR AB ((primary w3 adherence) or (primary w3 non-adherence) or (primary w3 compliance) or (primary w3 non-compliance) or (baseline w3 adherence) or (baseline w3 non-adherence) or (baseline w3 compliance) or (baseline w3 non-compliance) or (initial w3 adherence) or (initial w3 non-adherence) or (initial w3 compliance) or (initial w3 non-compliance))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	648
S12	TI ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	19

	<p>medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance") OR AB ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance")</p>			
S11	<p>TI ("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "initial adherence" or "initial compliance" or "initial non-compliance") OR AB</p>	<p>Search modes - Boolean/Phrase</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text</p>	<p>185</p>

	("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "initial adherence" or "initial compliance" or "initial non-compliance")			
S10	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	84,904
S9	TI (antidepressants or antidepressive agent or monoamine oxidase inhibitors or selective serotonin reuptake inhibitors or SSRIs or selegiline or paroxetine or serotonin or sertraline or tricyclic antidepressant or TCAs or amitriptyline or nortriptyline) OR AB (antidepressants or antidepressive agent or monoamine oxidase inhibitors or selective serotonin reuptake inhibitors or SSRIs or selegiline or paroxetine or serotonin or sertraline or tricyclic antidepressant or TCAs or amitriptyline or nortriptyline)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	16,098
S8	MH antidepressive agents	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	10,732
S7	TI (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin) OR AB (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	10,029
S6	MH statins	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	6,557
S5	TI (nitroglycerin or morphine or aspirin or warfarin or digoxin) OR AB (nitroglycerin or morphine or aspirin or warfarin or digoxin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	19,603
S4	TI (antihypertensive or furosemide or lisinopril or ramipril or captopril or	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search	9,873

	amlodipine or nifedipine or atenolol or metoprolol) OR AB (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol)		Database - CINAHL Plus with Full Text	
S3	MH antihypertensive agents	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	10,211
S2	TI (anti-diabetics or oral hypoglycemics or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone) OR AB (anti-diabetics or oral hypoglycemics or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	6,240
S1	MH hypoglycemic agents	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Basic Search Database - CINAHL Plus with Full Text	11,478

## COCHRANE CENTRAL

ID Search Hits

#1 MeSH descriptor: [Hypoglycemic Agents] explode all trees 6871

#2 anti-diabetics or "oral hypoglycemics" or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone:ti,ab,kw (Word variations have been searched) 6937

#3 MeSH descriptor: [Antihypertensive Agents] explode all trees 7595

#4 antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol:ti,ab,kw (Word variations have been searched) 27033

#5 nitroglycerin or morphine or aspirin or warfarin or digoxin:ti,ab,kw (Word variations have been searched) 26510

#6 MeSH descriptor: [Hydroxymethylglutaryl-CoA Reductase Inhibitors] explode all trees 3372

#7 statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin:ti,ab,kw (Word variations have been searched) 9731

#8 MeSH descriptor: [Antidepressive Agents] explode all trees 5628

#9 antidepressants or "antidepressive agent" or "monoamine oxidase inhibitors" or "selective serotonin reuptake inhibitors" or SSRIs or selegiline or paroxetine or serotonin or sertraline or "tricyclic antidepressant" or TCAs or amitriptyline or nortriptyline:ti,ab,kw (Word variations have been searched) 22470

#10 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 93920

#11 "primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-adherence" or "initial non-compliance" 201

#12 (primary adj3 adherence) or (primary adj3 non-adherence) or (primary adj3 compliance) or (primary adj3 non-compliance) or (baseline adj3 adherence) or (baseline adj3 non-adherence) or (baseline adj3 compliance) or (baseline adj3 non-compliance) or (initial adj3 adherence) or (initial adj3 non-adherence) or (initial adj3 compliance) or (initial adj3 non-compliance) 1257

#13 "primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance" 13

#14 #11 or #12 or #13 1436

#15 #10 and #14 in Trials 20

## EMBASE

1. exp antidiabetic agent/
2. (anti-diabetics or oral hypoglycemics or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
3. exp antihypertensive agent/
4. (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
5. (nitroglycerin or morphine or aspirin or warfarin or digoxin).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
6. exp hydroxymethylglutaryl coenzyme A reductase inhibitor/
7. (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
8. exp antidepressant agent/
9. (antidepressants or antidepressive agent or monoamine oxidase inhibitors or selective serotonin reuptake inhibitors or SSRIs or selegiline or paroxetine or serotonin or sertraline or tricyclic antidepressant or TCAs or amitriptyline or nortriptyline).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
10. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11. ("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-adherence" or "initial non-compliance" or (primary adj3 adherence) or (primary adj3 non-adherence) or (primary adj3 compliance) or (primary adj3 non-compliance) or (baseline adj3 adherence) or (baseline adj3 non-adherence) or (baseline adj3 compliance) or (baseline adj3 non-compliance) or (initial adj3 adherence) or (initial adj3 non-adherence) or (initial adj3 compliance) or (initial adj3 non-compliance)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]
12. ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug

compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]

13. 11 or 12

14. 10 and 13

## MEDLINE

1. exp Hypoglycemic Agents/

2. (anti-diabetics or oral hypoglycemics or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

3. exp Antihypertensive Agents/

4. (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

5. (nitroglycerin or morphine or aspirin or warfarin or digoxin).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

6. exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/

7. (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

8. exp Antidepressive Agents/

9. (antidepressants or antidepressive agent or monoamine oxidase inhibitors or selective serotonin reuptake inhibitors or SSRIs or selegiline or paroxetine or serotonin or sertraline or tricyclic antidepressant or TCAs or amitriptyline or nortriptyline).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

10. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9

11. ("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-adherence" or "initial non-compliance" or (primary adj3 adherence) or (primary adj3 non-adherence) or (primary adj3 compliance) or (primary adj3 non-compliance) or (baseline adj3 adherence) or (baseline adj3 non-adherence) or (baseline adj3 compliance) or (baseline adj3 non-compliance) or (initial adj3 adherence) or (initial adj3 non-adherence) or (initial adj3 compliance) or (initial adj3 non-compliance)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

12. ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance").mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

13. 11 or 12



## PROQUEST

((anti-diabetics or "oral hypoglycemics" or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone) OR (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol) OR (nitroglycerin or morphine or aspirin or warfarin or digoxin) OR (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin) OR (antidepressants or "antidepressive agent" or "monoamine oxidase inhibitors" or "selective serotonin reuptake inhibitors" or SSRIs or selegiline or paroxetine or serotonin or sertraline or "tricyclic antidepressant" or TCAs or amitriptyline or nortriptyline)) AND (("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-adherence" or "initial non-compliance") OR ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance"))

## PSYCINFO

1. (anti-diabetics or oral hypoglycemics or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]
2. exp Antihypertensive Drugs/
3. (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]
4. (nitroglycerin or morphine or aspirin or warfarin or digoxin).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]
5. exp STATINS/
6. (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]
7. exp Antidepressant Drugs/ or exp Serotonin Reuptake Inhibitors/ or exp Fluoxetine/
8. (antidepressants or antidepressive agent or monoamine oxidase inhibitors or selective serotonin reuptake inhibitors or SSRIs or selegiline or paroxetine or serotonin or sertraline or tricyclic antidepressant or TCAs or amitriptyline or nortriptyline).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]
9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
10. ("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-adherence" or "initial non-compliance" or (primary adj3 adherence) or (primary adj3 non-adherence) or (primary adj3 compliance) or (primary adj3 non-compliance) or (baseline adj3 adherence) or (baseline adj3 non-adherence) or (baseline adj3 compliance) or (baseline adj3 non-compliance) or (initial adj3 adherence) or (initial adj3 non-adherence) or (initial adj3

compliance) or (initial adj3 non-compliance)).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]

11. ("primary medication adherence" or "primary medication compliance" or "primary medication non-adherence" or "primary medication non-compliance" or "baseline medication adherence" or "baseline medication compliance" or "baseline medication non-adherence" or "baseline medication non-compliance" or "initial medication adherence" or "initial medication compliance" or "initial medication non-adherence" or "initial medication non-compliance" or "primary drug adherence" or "primary drug compliance" or "primary drug non-adherence" or "primary drug non-compliance" or "baseline drug adherence" or "baseline drug compliance" or "baseline drug non-adherence" or "baseline drug non-compliance" or "initial drug adherence" or "initial drug compliance" or "initial drug non-adherence" or "initial drug non-compliance").mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]

12. 10 or 11

13. 9 and 12

## **PUBMED**

(((((anti-diabetics or "oral hypoglycemics" or antihyperglycemics or glimepiride or glipizide or glyburide or metformin or pioglitazone)) OR (antihypertensive or furosemide or lisinopril or ramipril or captopril or amlodipine or nifedipine or atenolol or metoprolol)) OR (nitroglycerin or morphine or aspirin or warfarin or digoxin)) OR (statins or antilipids or atorvastatin or fluvastatin or lovastatin or rosuvastatin or simvastatin or pravastatin)) OR (antidepressants or "antidepressive agent" or "monoamine oxidase inhibitors" or "selective serotonin reuptake inhibitors" or SSRIs or selegiline or paroxetine or serotonin or sertraline or "tricyclic antidepressant" or TCAs or amitriptyline or nortriptyline))) AND (("primary adherence" or "primary compliance" or "primary non-adherence" or "primary non-compliance" or "baseline adherence" or "baseline compliance" or "baseline non-adherence" or "baseline non-compliance" or "initial adherence" or "initial compliance" or "initial non-compliance" or "primary medication adherence" or "baseline medication adherence" or "initial medication adherence"))

## **SCOPUS**

(( ( TITLE-ABS-KEY ( anti-diabetics OR "oral hypoglycemics" OR antihyperglycemics OR glimepiride OR glipizide OR glyburide OR metformin OR pioglitazone ) ) OR ( TITLE-ABS-KEY ( antihypertensive OR furosemide OR lisinopril OR ramipril OR captopril OR amlodipine OR nifedipine OR atenolol OR metoprolol ) ) OR ( TITLE-ABS-KEY ( nitroglycerin OR morphine OR aspirin OR warfarin OR digoxin ) ) OR ( TITLE-ABS-KEY ( statins OR antilipids OR atorvastatin OR fluvastatin OR lovastatin OR rosuvastatin OR simvastatin OR pravastatin ) ) OR ( TITLE-ABS-KEY ( antidepressants OR "antidepressive agent" OR "monoamine oxidase inhibitors" OR "selective serotonin reuptake inhibitors" OR SSRIs OR selegiline OR paroxetine OR serotonin OR sertraline OR "tricyclic antidepressant" OR TCAs OR amitriptyline OR nortriptyline ) ) ) AND ( ( TITLE-ABS-KEY ( "primary adherence" OR "primary compliance" OR "primary non-adherence" OR "primary non-compliance" OR "baseline adherence" OR "baseline compliance" OR "baseline non-adherence" OR "baseline non-compliance" OR "initial adherence" OR "initial compliance" ) ) OR ( TITLE-ABS-KEY ( "initial non-adherence" OR "initial non-compliance" OR "primary medication adherence" OR "primary medication compliance" OR "primary medication non-adherence" OR "primary medication non-compliance" OR "baseline medication adherence" ) ) OR ( TITLE-ABS-KEY ( "baseline medication compliance" OR "baseline medication non-adherence" OR "baseline medication non-compliance" OR "initial medication adherence" OR "initial medication compliance" OR "initial medication non-adherence" ) ) OR ( TITLE-ABS-KEY ( ( primary PRE/3 adherence ) OR ( primary PRE/3 non-adherence ) OR ( primary PRE/3 compliance ) OR ( primary PRE/3 non-compliance ) OR ( baseline PRE/3 adherence ) OR ( baseline PRE/3 non-adherence ) ) ) OR ( TITLE-ABS-KEY ( ( baseline PRE/3 compliance ) OR ( baseline PRE/3 non-compliance ) OR ( initial PRE/3 adherence ) OR ( initial PRE/3 non-adherence ) OR ( initial PRE/3 compliance ) OR ( initial PRE/3 non-compliance ) ) ) )