Appendix Figure 1. Patient Selection Flow Chart

Patients with a "new" antipsychotic prescription who had:

- 1. Stable antipsychotic regimen before the index prescription; And
- 2. >=60 days of supply in the 90 days after the index prescription date: And
- 3. No recent hospital, nursing home, or residential program; And
- 4. >=2 clinic visits (one primary care) in the year preceding the index date

(n=54,908)

Exclude patients who had the following within 1 year prior to index prescription:

- 1. A diagnosis of diabetes or pre-diabetes (ICD-9 codes 249.xx, 250.xx, 790.29); Or
- 2. Prescription of a medication for diabetes (insulin or oral hypoglycemic agent); Or
- 3. Impaired glucose tolerance (plasma glucose > 140 mg/dL or hemoglobin A1c > 5.7%) (n=21,505)

Eligible patients (n=33,403)

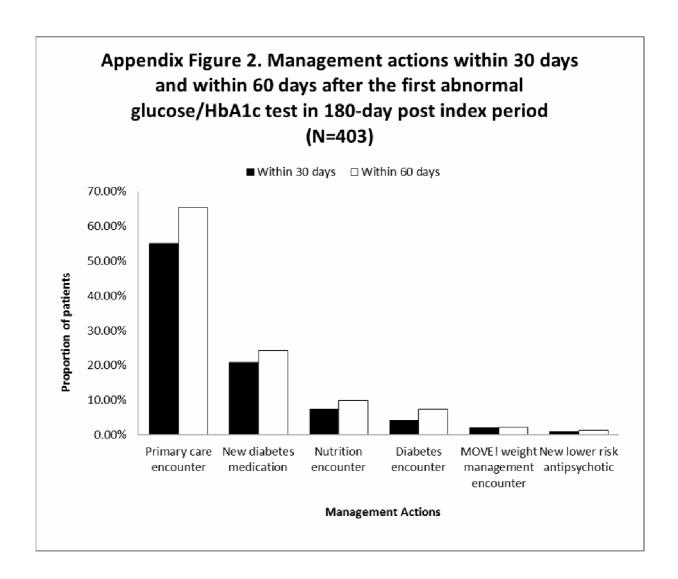
Exclude the following patients:

- 1. Not monitored (n=14,113)
- 2. Monitored, without evidence of clinically significant hyperglycemia (n=18,887)

Patients with evidence of clinically significant hyperglycemia between day 1 to day 180 after the index date:

- 1. Plasma glucose >= 200 mg/dL; Or
- 2. Hemoglobin A1c \geq 6.5%

(n=403)



Appendix Table 1. Patient Characteristics by Management Status

	Full Sample (N=403)		By Ma Status	By Management Status			
	(21 20)	<u> </u>	Not Managed (N=149)		Managed (N=254)		_
	N	%	N	%	N	%	P*
Age (M±SD)	57.7±12.8		60.07±13.79		56.33±12.03		.005
Age Group							.022
Under 45	46	11	16	11	30	12	
45-54	111	28	30	20	81	32	
55-64	161	40	62	42	99	39	
65 or above	85	21	41	28	44	17	
Race							.905
White	268	67	99	66	169	67	
Other	135	33	50	34	85	33	
Gender							.065
Male	378	94	136	91	242	95	
Female	25	6	13	9	12	5	
Married							.833
Yes	164	41	59	40	105	41	
No	239	59	90	60	149	59	
Psychiatric Condition			, ,		- 1,		
+180days)	•						.760
Schizophrenia	68	17	27	18	41	16	
Bipolar	78	19	25	17	53	21	
Other psychosis	49	12	17	11	32	13	
Other psychiatric							
conditions	203	50	79	53	124	49	
No psychiatric	~	1	1		4		
conditions	5	1	1	1	4	2	
Pre-existing comorbi Index date)	dittes (-30	oo days to)				
Obesity Obesity	168	42	55	37	113	44	.137
Dyslipidemia	192	48	60	40	132	52	.023
				40 44			
Hypertension Heart disease	202 42	50 10	65 10	44 7	137 32	54 12	.062
Metabolic risk of ind			10	/	34	13	.062
agent	ex anups	yenone					.192
High	32	8	14	9	18	7	.1/2
Medium	275	68	106	71	169	67	
1410010111	415	00	100	/ 1	107	07	

Low 96 24 29 19 67 26