

Polycystic ovary syndrome, combined oral contraceptives and the risk of dysglycemia

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Suppl. Table 1: Read codes used in data extraction

| Condition | Read Code | Description |
|---------------------------|------------------|--|
| Polycystic ovary syndrome | C164.12 | Stein - Leventhal syndrome |
| | C165.00 | Polycystic ovarian syndrome |
| | 7E25300 | Endoscopic drilling of ovary |
| Polycystic ovaries | C164.00 | Polycystic ovaries |
| | C164.13 | Multi-cystic ovaries |
| Ovulatory dysfunction | 1571 | H/O: amenorrhoea |
| | K590.00 | Absence of menstruation |
| | K590.11 | Amenorrhoea |
| | K590100 | Secondary amenorrhoea |
| | K590z00 | Amenorrhoea NOS |
| | K591.00 | Scanty or infrequent menstruation |
| | K591.11 | Infrequent menstruation |
| | K591000 | Hypomenorrhoea |
| | K591100 | Oligomenorrhoea |
| | K591300 | Secondary oligomenorrhoea |
| | K591z00 | Scanty or infrequent menstruation NOS |
| | K5B0.00 | Female infertility of anovulatory origin |
| | K5B0.11 | Anovular cycle |
| | K5B0100 | Secondary anovulatory infertility |
| | K5B0z00 | Female infertility of anovulatory origin NOS |
| Alopecia | Myu6300 | [X]Other androgenic alopecia |
| | M240.00 | Alopecia |
| | M240z00 | Alopecia NOS |
| | M240H00 | Alopecia seborrhoeica |
| | M240000 | Alopecia unspecified |
| | 1N02.00 | C/O: hair loss |
| | M240300 | Frontal alopecia of women |
| | M240012 | Hair loss |
| | M240200 | Male pattern alopecia |
| | M240D00 | Marginal alopecia |
| | 22D7.11 | O/E – alopecia |
| | 22D4.00 | O/E - loss of hair |
| | Hirsutism | 22D8.00 |
| 22D8000 | | O/E - facial hair |
| M241.00 | | Hirsutism - hypertrichosis |

Suppl. Table 1 (Continued)

| Condition | Read Code | Description |
|--------------------------|---|--|
| Type 2 diabetes mellitus | C106100 | Diabetes mellitus, adult onset, + neurological manifestation |
| | C109611 | Type II diabetes mellitus with retinopathy |
| | C10K000 | Type A insulin resistance without complication |
| | C109.13 | Type II diabetes mellitus |
| | C109.12 | Type 2 diabetes mellitus |
| | C104.00 | Diabetes mellitus with renal manifestation |
| | C10FQ00 | Type 2 diabetes mellitus with exudative maculopathy |
| | C109.11 | NIDDM - Non-insulin dependent diabetes mellitus |
| | C10F111 | Type II diabetes mellitus with ophthalmic complications |
| | C109F00 | Non-insulin-dependent d m with peripheral angiopath |
| | C10F911 | Type II diabetes mellitus without complication |
| | C10FA11 | Type II diabetes mellitus with mononeuropathy |
| | C105y00 | Other specified diabetes mellitus with ophthalmic complicatn |
| | C100112 | Non-insulin dependent diabetes mellitus |
| | C107200 | Diabetes mellitus, adult with gangrene |
| | C109500 | Non-insulin dependent diabetes mellitus with gangrene |
| | C10FJ11 | Insulin treated Type II diabetes mellitus |
| | C104.11 | Diabetic nephropathy |
| | C10FR11 | Type II diabetes mellitus with gastroparesis |
| | C10z.00 | Diabetes mellitus with unspecified complication |
| | C109F12 | Type 2 diabetes mellitus with peripheral angiopathy |
| | C10D.00 | Diabetes mellitus autosomal dominant type 2 |
| | C10F100 | Type 2 diabetes mellitus with ophthalmic complications |
| | C109F11 | Type II diabetes mellitus with peripheral angiopathy |
| | C10F900 | Type 2 diabetes mellitus without complication |
| | C10FA00 | Type 2 diabetes mellitus with mononeuropathy |
| | C106z00 | Diabetes mellitus NOS with neurological manifestation |
| | C109612 | Type 2 diabetes mellitus with retinopathy |
| | C109511 | Type II diabetes mellitus with gangrene |
| | C10FH00 | Type 2 diabetes mellitus with neuropathic arthropathy |
| | C109512 | Type 2 diabetes mellitus with gangrene |
| | C10FP00 | Type 2 diabetes mellitus with ketoacidotic coma |
| | C10F011 | Type II diabetes mellitus with renal complications |
| C101z00 | Diabetes mellitus NOS with ketoacidosis | |
| C109E00 | Non-insulin depend diabetes mellitus with diabetic cataract | |

Suppl. Table 1 (Continued)

| No. | Read Code | Description |
|--------------------------|------------------|---|
| Type 2 Diabetes Mellitus | C10F811 | Metabolic syndrome X |
| | C107100 | Diabetes mellitus, adult, + peripheral circulatory disorder |
| | C109400 | Non-insulin dependent diabetes mellitus with ulcer |
| | C105.00 | Diabetes mellitus with ophthalmic manifestation |
| | C10FQ11 | Type II diabetes mellitus with exudative maculopathy |
| | C10F000 | Type 2 diabetes mellitus with renal complications |
| | C109E11 | Type II diabetes mellitus with diabetic cataract |
| | C109E12 | Type 2 diabetes mellitus with diabetic cataract |
| | C106y00 | Other specified diabetes mellitus with neurological comps |
| | C10FK00 | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| | C109012 | Type 2 diabetes mellitus with renal complications |
| | C109011 | Type II diabetes mellitus with renal complications |
| | C10FS00 | Maternally inherited diabetes mellitus |
| | C10F311 | Type II diabetes mellitus with multiple complications |
| | C10y.00 | Diabetes mellitus with other specified manifestation |
| | C109H00 | Non-insulin dependent d m with neuropathic arthropathy |
| | C10C.00 | Diabetes mellitus autosomal dominant |
| | C10FC11 | Type II diabetes mellitus with nephropathy |
| | C10zy00 | Other specified diabetes mellitus with unspecified comps |
| | C105100 | Diabetes mellitus, adult onset, + ophthalmic manifestation |
| | C107400 | NIDDM with peripheral circulatory disorder |
| | C10FD11 | Type II diabetes mellitus with hypoglycaemic coma |
| | C109H12 | Type 2 diabetes mellitus with neuropathic arthropathy |
| | C10F300 | Type 2 diabetes mellitus with multiple complications |
| | C10FL11 | Type II diabetes mellitus with persistent proteinuria |
| | C10H.00 | Diabetes mellitus induced by non-steroid drugs |
| | C109H11 | Type II diabetes mellitus with neuropathic arthropathy |
| | C104y00 | Other specified diabetes mellitus with renal complications |
| | C10FC00 | Type 2 diabetes mellitus with nephropathy |
| | C10FJ00 | Insulin treated Type 2 diabetes mellitus |
| | C10FR00 | Type 2 diabetes mellitus with gastroparesis |
| | C10P111 | Type 2 diabetes mellitus in remission |
| | C10F211 | Type II diabetes mellitus with neurological complications |
| | C109G00 | Non-insulin dependent diabetes mellitus with arthropathy |
| | C105z00 | Diabetes mellitus NOS with ophthalmic manifestation |
| | C10FB11 | Type II diabetes mellitus with polyneuropathy |
| | C109700 | Non-insulin dependent diabetes mellitus - poor control |

Suppl. Table 1 (Continued)

| No. | Read Code | Description |
|--------------------------------|------------------|--|
| Type 2 Diabetes Mellitus | C109600 | Non-insulin-dependent diabetes mellitus with retinopathy |
| | C10FK11 | Hyperosmolar non-ketotic state in type II diabetes mellitus |
| | C10N.00 | Secondary diabetes mellitus |
| | C109.00 | Non-insulin dependent diabetes mellitus |
| | C10P100 | Type II diabetes mellitus in remission |
| | C10F200 | Type 2 diabetes mellitus with neurological complications |
| | C109G11 | Type II diabetes mellitus with arthropathy |
| | C109G12 | Type 2 diabetes mellitus with arthropathy |
| | C100z00 | Diabetes mellitus NOS with no mention of complication |
| | C10..00 | Diabetes mellitus |
| | C100100 | Diabetes mellitus, adult onset, no mention of complication |
| | C10FB00 | Type 2 diabetes mellitus with polyneuropathy |
| | C109711 | Type II diabetes mellitus - poor control |
| | C109712 | Type 2 diabetes mellitus - poor control |
| | C109212 | Type 2 diabetes mellitus with neurological complications |
| | C109211 | Type II diabetes mellitus with neurological complications |
| | C10FE00 | Type 2 diabetes mellitus with diabetic cataract |
| | C109J00 | Insulin treated Type 2 diabetes mellitus |
| | C10FM00 | Type 2 diabetes mellitus with persistent microalbuminuria |
| | C10G.00 | Secondary pancreatic diabetes mellitus |
| | C10F511 | Type II diabetes mellitus with gangrene |
| | C103z00 | Diabetes mellitus NOS with ketoacidotic coma |
| | C109B00 | Non-insulin dependent diabetes mellitus with polyneuropathy |
| | C10A500 | Malnutritn-relat diabetes melitus wth periph circul completn |
| | C103100 | Diabetes mellitus, adult onset, with ketoacidotic coma |
| | C10L.00 | Fibrocalculous pancreatopathy |
| | C10N100 | Cystic fibrosis related diabetes mellitus |
| | C107.00 | Diabetes mellitus with peripheral circulatory disorder |
| | C109100 | Non-insulin-dependent diabetes mellitus with ophthalm comps |
| | C10FF11 | Type II diabetes mellitus with peripheral angiopathy |
| | C109J12 | Insulin treated Type II diabetes mellitus |
| | C109J11 | Insulin treated non-insulin dependent diabetes mellitus |
| | C10A.11 | Jamaica type diabetes |
| | C10FN11 | Type II diabetes mellitus with ketoacidosis |
| | C10H000 | DM induced by non-steroid drugs without complication |
| | C109B12 | Type 2 diabetes mellitus with polyneuropathy |
| | C10F500 | Type 2 diabetes mellitus with gangrene |
| | C109B11 | Type II diabetes mellitus with polyneuropathy |
| | C108y00 | Other specified diabetes mellitus with multiple comps |

Suppl. Table 1 (Continued)

| No. | Read Code | Description |
|--------------------------|-----------|--|
| Type 2 Diabetes Mellitus | C10yz00 | Diabetes mellitus NOS with other specified manifestation |
| | C102.00 | Diabetes mellitus with hyperosmolar coma |
| | C104100 | Diabetes mellitus, adult onset, with renal manifestation |
| | C107.11 | Diabetes mellitus with gangrene |
| | C109111 | Type II diabetes mellitus with ophthalmic complications |
| | C10FD00 | Type 2 diabetes mellitus with hypoglycaemic coma |
| | C10M.00 | Lipoatrophic diabetes mellitus |
| | C109112 | Type 2 diabetes mellitus with ophthalmic complications |
| | C107.12 | Diabetes with gangrene |
| | C10FL00 | Type 2 diabetes mellitus with persistent proteinuria |
| | C10F411 | Type II diabetes mellitus with ulcer |
| | C103y00 | Other specified diabetes mellitus with coma |
| | C109A00 | Non-insulin dependent diabetes mellitus with mononeuropathy |
| | C109900 | Non-insulin-dependent diabetes mellitus without complication |
| | C10zz00 | Diabetes mellitus NOS with unspecified complication |
| | C10z100 | Diabetes mellitus, adult onset, + unspecified complication |
| | C10N000 | Secondary diabetes mellitus without complication |
| | C10FE11 | Type II diabetes mellitus with diabetic cataract |
| | C109000 | Non-insulin-dependent diabetes mellitus with renal comps |
| | C10B.00 | Diabetes mellitus induced by steroids |
| | C10FM11 | Type II diabetes mellitus with persistent microalbuminuria |
| | C10F400 | Type 2 diabetes mellitus with ulcer |
| | C104z00 | Diabetes mellitus with nephropathy NOS |
| | C109A11 | Type II diabetes mellitus with mononeuropathy |
| | C109A12 | Type 2 diabetes mellitus with mononeuropathy |
| | C109911 | Type II diabetes mellitus without complication |
| | C109912 | Type 2 diabetes mellitus without complication |
| | C10yy00 | Other specified diabetes mellitus with other spec comps |
| | C109412 | Type 2 diabetes mellitus with ulcer |
| | C109411 | Type II diabetes mellitus with ulcer |
| | C10K.00 | Type A insulin resistance |
| | C10FG00 | Type 2 diabetes mellitus with arthropathy |
| | C10G000 | Secondary pancreatic diabetes mellitus without complication |
| | C109D00 | Non-insulin dependent diabetes mellitus with hypoglyca coma |
| | C10F711 | Type II diabetes mellitus - poor control |
| | C107z00 | Diabetes mellitus NOS with peripheral circulatory disorder |
| | C10FH11 | Type II diabetes mellitus with neuropathic arthropathy |

Suppl. Table 1 (Continued)

| No. | Read Code | Description |
|--------------------------|-----------------------------|--|
| Type 2 Diabetes Mellitus | C109300 | Non-insulin-dependent diabetes mellitus with multiple comps |
| | C10FP11 | Type II diabetes mellitus with ketoacidotic coma |
| | C10P.00 | Diabetes mellitus in remission |
| | C109D12 | Type 2 diabetes mellitus with hypoglycaemic coma |
| | C102z00 | Diabetes mellitus NOS with hyperosmolar coma |
| | C109D11 | Type II diabetes mellitus with hypoglycaemic coma |
| | C10F700 | Type 2 diabetes mellitus - poor control |
| | C100.00 | Diabetes mellitus with no mention of complication |
| | C102100 | Diabetes mellitus, adult onset, with hyperosmolar coma |
| | C10y100 | Diabetes mellitus, adult, + other specified manifestation |
| | C109311 | Type II diabetes mellitus with multiple complications |
| | C109312 | Type 2 diabetes mellitus with multiple complications |
| | C106.00 | Diabetes mellitus with neurological manifestation |
| | C10FF00 | Type 2 diabetes mellitus with peripheral angiopathy |
| | C10F.11 | Type II diabetes mellitus |
| | C109K00 | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| | C10FN00 | Type 2 diabetes mellitus with ketoacidosis |
| | C109C00 | Non-insulin dependent diabetes mellitus with nephropathy |
| | C10F611 | Type II diabetes mellitus with retinopathy |
| | C107y00 | Other specified diabetes mellitus with periph circ comps |
| | C106.13 | Diabetes mellitus with polyneuropathy |
| | C101.00 | Diabetes mellitus with ketoacidosis |
| | C109200 | Non-insulin-dependent diabetes mellitus with neuro comps |
| | C106.11 | Diabetic amyotrophy |
| | C106.12 | Diabetes mellitus with neuropathy |
| | C10FG11 | Type II diabetes mellitus with arthropathy |
| | C10F.00 | Type 2 diabetes mellitus |
| | C109C11 | Type II diabetes mellitus with nephropathy |
| | C10B000 | Steroid induced diabetes mellitus without complication |
| | C109C12 | Type 2 diabetes mellitus with nephropathy |
| | C10F600 | Type 2 diabetes mellitus with retinopathy |
| | C108z00 | Unspecified diabetes mellitus with multiple complications |
| | 44V2.00 | Glucose tolerance test impaired |
| | Impaired glucose regulation | 8HIS.00 |
| 9NS0400 | | Referral for impaired glucose tolerance management offered |
| 9mX3.00 | | Impaired glucose regulation monitoring telephone invitation |
| 9mX4.00 | | Impaired glucose regulation monitoring verbal invitation |
| 9mX0.00 | | Impaired glucose regulation monitoring invitation 1st letter |
| C313500 | | Glucose intolerance |

| | | |
|--|---------|--|
| | 9mX2.00 | Impaired glucose regulation monitoring invitation 3rd letter |
| | 9mX1.00 | Impaired glucose regulation monitoring invitation 2nd letter |
| | C11y300 | Impaired fasting glycaemia |
| | 9mX..00 | Impaired glucose regulation monitoring invitation |
| | C11y200 | Impaired glucose tolerance |
| | R102.11 | [D]Prediabetes |
| | C11y500 | Pre-diabetes |
| | R102.12 | [D]Impaired glucose tolerance test |
| | C11y400 | Impaired glucose regulation |
| | R10E.00 | [D]Impaired glucose tolerance |
| | R10D000 | [D]Impaired fasting glycaemia |
| | R10D011 | [D]Impaired fasting glucose |

Suppl. Table 2: Risk of type 2 diabetes and dysglycemia (composite outcome combining prediabetes and type 2 diabetes) in women with PCOS compared to population-based controls matched for sex, age, BMI and location of general practice.

| | Type 2 Diabetes | | Dysglycemia | |
|--|---------------------------|------------------|---------------------------|------------------|
| | Women with PCOS | Controls | Women with PCOS | Controls |
| Outcome events, n (%) | 1483 (2.32) | 1348 (1.09) | 2885 (4.51) | 2894 (2.34) |
| Person-years | 304379 | 590335 | 299,551 | 585,307 |
| Crude Incidence Rate/10,000 person years | 48.7 | 22.8 | 96.3 | 49.4 |
| Follow-up years, Median (IQR) | 3.39 (1.34-7.16) | 3.47 (1.39-7.18) | 3.32 (1.32-7.03) | 3.44 (1.38-7.11) |
| Unadjusted hazard Rate ratio (95% CI) | 2.13 (1.98-2.29); p<0.001 | | 1.95 (1.85-2.05); p<0.001 | |
| Adjusted hazard Rate ratio (95% CI) | 2.04 (1.89-2.20); p<0.001 | | 1.87 (1.78-1.97); p<0.001 | |
| Adjusted hazard Rate ratio (95% CI)* | 1.98 (1.70-2.31); p<0.001 | | 1.95 (1.76-2.16); p<0.001 | |
| Adjusted hazard Rate ratio (95% CI) [†] | 2.17 (1.88-2.51); p<0.001 | | 1.93 (1.75-2.13); p<0.001 | |

Adjustments for age, ethnicity, Townsend deprivation quintile, BMI category, smoking status and baseline diagnosis of hypothyroidism, hypertension and prescription of lipid lowering drugs

*Sensitivity Analysis 1: Analysis of women with incident diagnosis of PCOS and their corresponding controls

[†]Sensitivity Analysis 2: Analysis of women with PCOS-specific diagnosis and their corresponding controls

Suppl. Table 3: Risk factors of type 2 diabetes and dysglycemia (composite outcome combining prediabetes and type 2 diabetes) among women with PCOS (n=64,051).

| Risk factors | Type 2 Diabetes | Dysglycemia |
|--|-----------------------------|---------------------------|
| Age | 1.06 (1.05-1.07); p<0.001 | 1.06 (1.05-1.06); p<0.001 |
| BMI Categories* | | |
| Underweight/Normal weight | Ref | Ref |
| Overweight | 3.10 (2.41-3.99); p<0.001 | 2.68 (2.31-3.11); p<0.001 |
| Obese | 11.74 (9.46-14.57); p<0.001 | 7.13 (6.27-8.10); p<0.001 |
| Missing | 4.97 (3.85-6.42); p<0.001 | 3.15 (2.68-3.70); p<0.001 |
| Townsend deprivation score category | | |
| 1 (least deprived) | Ref | Ref |
| 2 | 1.17 (0.97-1.42); p=0.103 | 1.14 (1.00-1.30); p=0.054 |
| 3 | 1.47 (1.23-1.75); p<0.001 | 1.27 (1.12-1.44); p<0.001 |
| 4 | 1.54 (1.28-1.84); p<0.001 | 1.39 (1.22-1.58); p<0.001 |
| 5 (most deprived) | 1.89 (1.54-2.24); p<0.001 | 1.67 (1.46-1.91); p<0.001 |
| Missing | 1.37 (1.12-1.66); p=0.002 | 1.28 (1.11-1.46); p<0.001 |
| Smoker categories | | |
| Non-Smoker | Ref | Ref |
| Discontinued | 1.06 (0.91-1.25); p=0.440 | 1.05 (0.93-1.17); p=0.430 |
| Smoker | 1.36 (1.20-1.54); p<0.001 | 1.30 (1.19-1.42); p<0.001 |
| Missing | 0.97 (0.78-1.22); p=0.816 | 0.86 (0.73-1.02); p=0.093 |
| Ethnicity | | |
| Caucasian | Ref | Ref |
| Mixed Race | 1.75 (1.09-2.81); p=0.019 | 1.93 (1.40-2.66); p<0.001 |
| Chinese/middle eastern/others | 1.27 (0.68-2.37); p=0.456 | 1.57 (1.04-2.35); p=0.030 |
| Black | 1.15 (0.82-1.61); p=0.408 | 1.66 (1.35-2.05); p<0.001 |
| South Asian | 1.92 (1.56-2.37); p<0.001 | 2.41 (2.09-2.78); p<0.001 |
| Missing | 1.00 (0.89-1.11); p=0.945 | 1.01 (0.93-1.09); p=0.866 |
| Concurrent Conditions at baseline | | |
| Hypothyroidism | 1.07 (0.85-1.34); p=0.560 | 1.17 (1.00-1.37); p=0.056 |
| Hypertension | 2.11 (1.79-2.49); p<0.001 | 1.99 (1.76-2.26); p<0.001 |
| PCOS relevant variables | | |
| Anovulation | 1.21 (1.08-1.35); p=0.001 | 1.17 (1.08-1.27); p<0.001 |
| Hirsutism | 1.20 (1.05-1.36); p=0.007 | 1.15 (1.05-1.27); p=0.004 |
| Hair loss | 0.93 (0.77-1.13); p=0.493 | 0.97 (0.85-1.11); p=0.687 |
| Prescriptions at baseline | | |
| Contraceptives | | |
| No Pill | Ref | Ref |
| COCP without anti-androgen | 0.83 (0.72-0.94); p=0.005 | 0.77 (0.70-0.85); p<0.001 |
| COCP with anti-androgenic progestin* | 0.84 (0.73-0.97); p=0.020 | 0.85 (0.77-0.94); p=0.002 |
| Single agent anti-androgen therapy^ | 1.20 (0.84-1.71); p=0.314 | 0.99 (0.74-1.31); p=0.926 |
| Lipid lowering drugs | 1.37 (0.95-1.96); p<0.001 | 1.35 (1.02-1.77); p=0.036 |

*Normal/Underweight: <23.5 kg/m² for patients of South Asian ethnicity & <25 kg/m² for patients of all other ethnic groups

Overweight: 23.5-27.5 kg/m² for patients of South Asian ethnicity & 25-30 kg/m² for patients of all other ethnic groups

Obese = ≥27.5 kg/m² for patients of South Asian ethnicity & ≥30 kg/m² for patients of all other ethnic groups

*cyproterone acetate/drospirenone

^cyproterone acetate/flutamide/finasteride

Suppl. Table 4. Risk and protective factors among 2407 women with dysglycemia and 2407 matched controls (n=4814)

| Covariates | Adjusted OR (95% CI) |
|--|-----------------------------|
| Combined oral contraceptive use | |
| No COCP | Ref |
| COCP without anti-androgen | 0.72 (0.59-0.87); p<0.001 |
| COCP with anti-androgenic progestin* | 0.76 (0.63-0.91); p=0.003 |
| Age | 1.05 (0.99-1.12); p=0.106 |
| Smoking Status | |
| Non-Smoker | Ref |
| Discontinued Smoker | 0.96 (0.79-1.16); p=0.663 |
| Smoker | 1.46 (1.25-1.71); p<0.001 |
| Missing | 0.93 (0.69-1.24); p=0.613 |
| BMI category* | |
| Normal Weight | Ref |
| Overweight | 1.45 (0.91-2.31); p=0.118 |
| Obese | 1.72 (0.93-3.16); p=0.082 |
| Missing | . |
| Ethnicity | |
| Caucasian | Ref |
| Mixed Race | 2.40 (1.33-4.34); p=0.009 |
| Others | 1.71 (0.83-3.53); p=0.107 |
| Black | 2.03 (1.32-3.12); p<0.001 |
| South Asians | 3.39 (2.51-4.59); p<0.001 |
| Missing | 0.98 (0.85-1.12); p=0.854 |
| Townsend deprivation score category | |
| 1 (least deprived) | Ref |
| 2 | 1.19 (0.96-1.46); p=0.111 |
| 3 | 1.40 (1.14-1.73); p=0.001 |
| 4 | 1.41 (1.14-1.74); p=0.001 |
| 5 (most deprived) | 1.75 (1.39-2.20); p<0.001 |
| Missing | 1.53 (1.22-1.92); p<0.001 |
| Concurrent Conditions at baseline | |
| Hypothyroidism | 1.35 (1.09-1.68); p=0.006 |

| | |
|---|---------------------------|
| Hypertension | 2.97 (2.48-3.56); p<0.001 |
| Prescriptions at baseline | |
| Metformin | 1.50 (1.24-1.81); p<0.001 |
| Single agent anti-androgen therapy [^] | 1.74 (0.97-3.13); p=0.063 |
| Lipid lowering medication | 1.21 (0.58-2.52); p=0.607 |

*Normal/Underweight: <23.5 kg/m² for patients of South Asian ethnicity & <25 kg/m² for patients of all other ethnic groups

Overweight: 23.5-27.5 kg/m² for patients of South Asian ethnicity & 25-30 kg/m² for patients of all other ethnic groups

Obese = ≥27.5 kg/m² for patients of South Asian ethnicity & ≥30 kg/m² for patients of all other ethnic groups

*cyproterone acetate/drospirenone

[^]cyproterone acetate/flutamide/finasteride

Suppl. Figure 1: Flowchart

