

Supplementary Appendix A: Read codes (version 2) for defining Asthma, Seasonal Allergic Rhinitis and Cystic Fibrosis in the Cortex cohort

Pupils' health status for respiratory conditions Asthma and Seasonal Allergic Rhinitis were defined using the Welsh Longitudinal General Practice (WLGP) dataset held within the SAIL databank, which contains anonymised GP data records for most GP practices in Wales. The GP data was also used to identify any pupils with Cystic Fibrosis. To be included in analysis pupils had to be registered with a Welsh SAIL-providing GP and continuously registered 12 months prior to the pupil's examination start date.

Pupils with Asthma were classified as having any mention of an asthma diagnosis Read code (Table A) in their GP data records history as well as having at least one asthma treatment prescription Read code (Table B) within 12 months of the pupil's examination start date, creating an 'Asthma, ever diagnosed, currently treated group'. This group of pupils were sub-divided based on severity of condition; mild and moderate/severe asthma. Mild asthma referred to any pupils who had not been prescribed with a high dosage Inhaled Corticosteroids (ICS) (Table C) and who had not been prescribed an inhaled Corticosteroids long-acting beta agonists (Table D) within 12 months of examination start date. Moderate/severe asthma referred to any pupils who has been prescribed with at least one high dosage Inhaled Corticosteroids or a least one inhaled Corticosteroids long-acting beta agonists within 12 months of examination start date. There were no restriction on the number of prescription for any other drugs mentioned in Table B.

Seasonal allergic rhinitis was classified into two separate groups; "seasonal allergic rhinitis, ever diagnosed group" containing pupils who had at least one seasonal allergic rhinitis diagnosis Read code (Table E) in their GP records history and "seasonal allergic rhinitis, currently treated group" containing pupils who had been prescribed with at least one seasonal allergic rhinitis treatment read code (Tables F – I) within 12 months of examination start date. The seasonal allergic rhinitis currently treated group were further sub grouped by severity; mild seasonal allergic rhinitis and moderate/severe seasonal allergic rhinitis.

Mild seasonal allergic rhinitis was classified as a pupil being prescribed only one oral antihistamine (Table J) or one nasal corticosteroid only (Table K) within 12 months of examination start date, thus, the sum of prescriptions for oral antihistamines and nasal corticosteroid can only equate to one. There were no restriction on the number of prescription for any other drugs mentioned in Tables F – I.

Moderate/severe seasonal allergic rhinitis was classified as a pupil being prescribed with more than one oral antihistamine (Table J) or nasal corticosteroid (Table K) within 12 months of examination start date. In summary, any "seasonal allergic rhinitis currently treated" pupil who has not been classified as having mild seasonal allergic rhinitis is classified as having moderate/severe seasonal allergic rhinitis. There were no restriction on the number of prescription for any other drugs mentioned in Tables F – I.

A further sub-analysis of the seasonal allergic rhinitis currently treated group was carried out on a reduced study period from the start of the summer term to the last exam date per year. The same definitions and classifications were applied.

Cystic Fibrosis Read codes (Table L) identified any pupil with at least one Cystic Fibrosis associated Read code in their GP records history.

Table A: List of Read codes used to define Asthma diagnosis

173A. - Exercise induced asthma
102.. - Asthma confirmed
663V. - Asthma severity
663V0 - Occasional asthma
663V1 - Mild asthma
663V2 - Moderate asthma
663V3 - Severe asthma
H3120 - Chronic asthmatic bronchitis
H33.. - Asthma
H330. - Extrinsic (atopic) asthma
H3300 - Extrinsic asthma without status asthmaticus
H3301 - Extrinsic asthma with status asthmaticus
H330z - Extrinsic asthma NOS
H331. - Intrinsic asthma
H3310 - Intrinsic asthma without status asthmaticus
H3311 - Intrinsic asthma with status asthmaticus
H331z - Intrinsic asthma NOS
H332. - Mixed asthma
H333. - Acute exacerbation of asthma

H334. - Brittle asthma
H335. - Chronic asthma with fixed airflow obstruction
H33z. - Asthma unspecified
H33z0 - Status asthmaticus NOS
H33z1 - Asthma attack
H33z2 - Late-onset asthma
H33zz - Asthma NOS

Table B: List of Read codes used to define Asthma treatment

c111. - *ASMAVEN 2mg tablets
c112. - *ASMAVEN 4mg tablets
c113. - *COBUTOLIN 2mg tablets
c114. - *COBUTOLIN 4mg tablets
c115. - *SALBULIN 2mg tablets
c116. - *SALBULIN 4mg tablets
c117. - *SALBULIN 2mg/2mL liquid
c118. - *VENTOLIN 2mg tablets
c119. - *VENTOLIN 4mg tablets
c11a. - *VENTOLIN 8mg m/r tablets
c11A. - *VENTOLIN CR 4mg m/r tablets
c11B. - *SALBUTAMOL 4mg m/r tablets
c11b. - VENTOLIN 2mg/5mL syrup

c11C. - *VENTOLIN CR 8mg m/r tablets
c11c. - *VOLMAX 4mg m/r tablets
c11d. - *VOLMAX 8mg m/r tablets
c11D. - SALAPIN 2mg/5mL sugar free syrup
c11e. - *SALBUVENT 2mg tablets
c11f. - *SALBUVENT 4mg tablets
c11g. - *SALBUVENT 2mg/5mL syrup
c11h. - SALBUVENT 2mg/5mL syrup 2litre
c11i. - *VENTOLIN CR 4mg m/r tablets
c11j. - *SALBUTAMOL 4mg m/r tablets
c11k. - *VENTOLIN CR 8mg m/r tablets
c11m. - LIBETIST 2mg/5mL sugar free syrup
c11n. - SALBUTAMOL 4mg m/r capsules
c11o. - SALBUTAMOL 8mg m/r capsules
c11p. - VENTMAX SR 4mg m/r capsules
c11q. - *VENTMAX SR 8mg m/r capsules
c11v. - SALBUTAMOL 4mg tablets
c11w. - *SALBUTAMOL 2mg/2mL liquid
c11x. - SALBUTAMOL 2mg tablets
c11y. - *SALBUTAMOL 8mg m/r tablets
c11z. - SALBUTAMOL 2mg/5mL sugar free syrup
c121. - VENTOLIN 250micrograms/5mL injection

c122. - VENTOLIN 500microgram/1mL injection
c123. - VENTOLIN 5mg/5mL intravenous infusion
c124. - SALBUVENT 250microgram/5mL injection
c125. - SALBUVENT 500micrograms/1mL injection
c126. - SALBUVENT 5mg/5mL intravenous infusion
c12w. - *SALBUTAMOL 5mg/50mL injection
c12x. - SALBUTAMOL 250micrograms/5mL injection
c12y. - SALBUTAMOL 500microgram/1mL injection
c12z. - SALBUTAMOL 5mg/5mL intravenous infusion
c131. - *ASMAVEN 100micrograms inhaler
c132. - COBUTOLIN 100microgram inhaler
c133. - SALBULIN 100micrograms inhaler
c134. - VENTOLIN 100micrograms inhaler
c135. - VENTOLIN 2.5mg/2.5mL Nebules
c136. - VENTOLIN 200micrograms rotacaps
c137. - VENTOLIN 400micrograms rotacaps
c138. - ROTAHALER DEVICE
c139. - VENTOLIN 100mg/20mL respirator solution
c13a. - AEROLIN-400 100microgram inhaler
c13A. - STERI-NEB SALAMOL 2.5mg nebulisation units
c13b. - *ROTAHALER DEVICE
c13B. - STERI-NEB SALAMOL 5mg nebulisation units

c13c. - AEROLIN AUTO 100microgram inhaler
c13C. - SALBUTAMOL 200micrograms disks+disk inhaler
c13D. - SALBUTAMOL 400micrograms disks+disk inhaler
c13d. - VENTODISKS 200micrograms diskhaler 14x8
c13E. - SALBUTAMOL 200micrograms disk refill
c13e. - VENTODISKS 400micrograms diskhaler 14x8
c13F. - SALBUTAMOL 400micrograms disk refill
c13f. - VENTODISKS 200micrograms disk refill 14x8
c13G. - SALBUTAMOL 100micrograms breath-act aerosol inhaler
c13g. - VENTODISKS 400micrograms disk refill 14x8
c13H. - *SALAMOL 100micrograms inhaler
c13h. - SALBUVENT 100micrograms inhaler
c13I. - AIROMIR 100micrograms CFC-free inhaler
c13i. - SALBUVENT RONDO 100microgram inhaler
c13J. - SALBUTAMOL 100micrograms CFC-free inhaler
c13j. - SALBUVENT 5mg/mL respirator solution
c13k. - *SALBUVENT RONDO spacer x1
c13K. - SALAMOL EASI-BREATHE 100micrograms breath-actuated aerosol inhaler
c13l. - AEROLIN 100micrograms Autohaler 200d
c13L. - SALBUTAMOL 200micrograms breath-actuated dry powder inhaler
c13M. - VENTOLIN 200micrograms Accuhaler
c13m. - VENTOLIN 5mg/2.5mL Nebules

c13n. - AEROLIN 100micrograms Autohaler 100d
c13N. - SALBUTAMOL 100micrograms vortex metered dose inhaler
c13o. - SALBUTAMOL 5mg/2.5mL nebulisation units
c13O. - VENTOLIN EASI-BREATHE 100microgram inhaler
c13p. - *MAXIVENT 100microgram inhaler
c13P. - SALBUTAMOL 100micrograms Spacehaler
c13q. - *SALBUTAMOL 200 cyclocaps
c13Q. - ASMASAL 95micrograms Clickhaler
c13r. - *SALBUTAMOL 400 cyclocaps
c13R. - SALBUTAMOL 100micrograms breath-act dry powder inhaler
c13s. - *VENTOLIN rotahaler device
c13S. - SALBUTAMOL 95micrograms breath-actuated dry powder inhaler
c13T. - VENTOLIN 100micrograms Evohaler
c13U. - SALBUTAMOL 100micrograms CFC-free breath-actuated aerosol inhaler
c13V. - AIROMIR 100micrograms CFC-free Autohaler
c13v. - SALBUTAMOL 100microgram inhaler
c13W. - MAXIVENT 2.5mg/2.5mL Steripoules
c13w. - SALBUTAMOL 2.5mg/2.5mL nebulisation units
c13X. - MAXIVENT 5mg/2.5mL Steripoules
c13x. - SALBUTAMOL 200micrograms inhalation capsules
c13Y. - SALBULIN 100micrograms CFC-free inhaler
c13y. - SALBUTAMOL 400micrograms inhalation capsules

c13Z. - SALAMOL 100micrograms CFC-free inhaler
c13z. - SALBUTAMOL 100mg/20mL respirator solution
c141. - BRICANYL 5mg tablets
c142. - BRICANYL 1.5mg/5mL syrup
c143. - BRICANYL 500micrograms/1mL injection
c144. - BRICANYL 250micrograms inhaler
c145. - BRICANYL 250micrograms refill cannister
c146. - BRICANYL 250micrograms spacer inhaler
c147. - BRICANYL RESPULES 5mg/2mL nebuliser solution
c148. - BRICANYL 100mg/10mL respirator solution
c149. - *BRICANYL SA 7.5mg m/r tablets
c14a. - *MONOVENT 5mg tablets
c14b. - *MONOVENT 1.5mg/5mL syrup
c14c. - *MONOVENT SA 7.5mg m/r tablets
c14d. - *NEBUHALER spacer device
c14e. - BRICANYL 2.5mg/5mL injection
c14f. - BRICANYL 500micrograms Turbohaler
c14g. - TERBUTALINE 500micrograms inhaler
c14h. - TERBUTALINE 2.5mg/5mL injection
c14i. - TERBUTALINE SULPHATE 200mg/20mL nebuliser solution
c14j. - TERBUTALINE 500micrograms breath-actuated dry powder inhaler
c14k. - BRICANYL 200mg/20mL respirator solution

c14r. - TERBUTALINE 5mg tablets
c14s. - TERBUTALINE 500microgram/1mL injection
c14t. - TERBUTALINE 250micrograms inhaler
c14u. - TERBUTALINE 250micrograms refill cannister
c14v. - TERBUTALINE 250micrograms spacer
c14w. - TERBUTALINE 5mg/2mL nebuliser solution
c14x. - TERBUTALINE 100mg/10mL respirator solution
c14y. - *TERBUTALINE 7.5mg m/r tablets
c14z. - TERBUTALINE 1.5mg/5mL syrup
c151. - *BEROTEC 200micrograms inhaler
c152. - BEROTEC 100mg/20mL respirator solution
c153. - *BEROTEC 100micrograms inhaler
c154. - FENOTEROL 100micrograms inhaler
c15y. - FENOTEROL 200micrograms inhaler
c15z. - FENOTEROL 100mg/20mL respirator solution
c191. - SALMETEROL 25microgram inhaler
c192. - *SEREVENT 25microgram inhaler
c193. - SEREVENT 50microgram diskhaler
c194. - SEREVENT 50micrograms disk refill
c195. - SALMETEROL 50micrograms disks+disk inhaler
c196. - SALMETEROL 50micrograms disk refill
c197. - SALMETEROL 50micrograms breath-actuated dry powder inhaler

c198. - SEREVENT 50micrograms Accuhaler
c199. - SEREVENT 25micrograms Evohaler
c19A. - NEOVENT 25micrograms CFC-free inhaler
c19B. - VERTINE 25micrograms CFC-free inhaler
c19z. - SALMETEROL 25micrograms CFC-free inhaler
c1B1. - BAMBEC 10mg tablets
c1B2. - BAMBEC 20mg tablets
c1B3. - BAMBUTEROL HYDROCHLORIDE 10mg tablets
c1B4. - BAMBUTEROL HYDROCHLORIDE 20mg tablets
c1c1. - FLUTIFORM 50micrograms/5micrograms inhaler
c1C1. - FORMOTEROL FUMARATE 12micrograms inhalation capsules+inhaler
c1c2. - FLUTIFORM 125micrograms/5micrograms inhaler
c1C2. - FORADIL 12micrograms inhalation capsules+inhaler
c1c3. - FLUTIFORM 250micrograms/10micrograms inhaler
c1C3. - FORMOTEROL FUMARATE DIHYDRATE 6micrograms breath-act dry powder inhaler
c1C4. - FORMOTEROL FUMARATE DIHYDRATE 12micrograms breath-act dry powder inhaler
c1C5. - OXIS 6micrograms Turbohaler
c1C6. - OXIS 12micrograms Turbohaler
c1C7. - ATIMOS MODULITE 12micrograms metered dose inhaler
c1C8. - FORMOTEROL EASYHALER 12micrograms breath-act dry powder inhaler
c1cx. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 250mcg/10mcg inh
c1cy. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 125mcg/5mcg inh

c1Cy. - FORMOTEROL FUMARATE DIHYDRATE 12micrograms breath-act dry powder inhaler
c1cz. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 50mcg/5mcg inh
c1Cz. - FORMOTEROL FUMARATE DIHYDRATE 12micrograms metered dose inhaler
c1D1. - SERETIDE 100 Accuhaler
c1D2. - SERETIDE 250 Accuhaler
c1D3. - SERETIDE 500 Accuhaler
c1D4. - SERETIDE 50 Evohaler
c1D5. - SERETIDE 125 Evohaler
c1D6. - SERETIDE 250 Evohaler
c1D7. - SIRDUPLA 25micrograms/125micrograms inhaler
c1D8. - SIRDUPLA 25micrograms/250micrograms inhaler
c1Du. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/50micrograms CFC-free inhaler
c1Dv. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/125micrograms CFC-free inhaler
c1Dw. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/250micrograms CFC-free inhaler
c1Dx. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/100micrograms breath-actuated dry powder inhaler
c1Dy. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/250micrograms breath-actuated dry powder inhaler
c1Dz. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/500micrograms breath-actuated dry powder inhaler
c1E1. - SALAMOL EASI-BREATHE 100micrograms CFC-free breath-actuated aerosol inhaler
c1E2. - PULVINAL SALBUTAMOL 200micrograms breath-actuated dry powder inhaler

c1E3. - VENTODISKS 200micrograms diskhaler 15x8
c1E4. - VENTODISKS 400micrograms diskhaler 15x8
c1E5. - VENTODISKS 200micrograms disk refill 15x8
c1E6. - VENTODISKS 400micrograms disk refill 15x8
c1E7. - EASYHALER SALBUTAMOL 100micrograms breath-actuated dry powder inhaler
c1E8. - EASYHALER SALBUTAMOL 200micrograms breath-actuated dry powder inhaler
c1E9. - SALBULIN NOVOLIZER 100micrograms dry powder cartridge and refillable inhaler device
c1EA. - SALBUTAMOL 100micrograms dry powder cartridge and refillable inhaler device
c1EB. - SALBULIN NOVOLIZER 100micrograms dry powder cartridge refill
c1EC. - SALBUTAMOL 100micrograms dry powder cartridge refill
c1ED. - VENTOLIN 50mg/10mL respirator solution
c1EE. - SALBUTAMOL 50mg/10mL respirator solution
c211. - ADRENALINE 500microgram/0.5mL injection
c212. - *ADRENALINE 1mg/1mL injection
c213. - MEDIHALER-EPI 280micrograms inhaler
c214. - MIN-I-JET ADREN 500microgram/0.5mL injection
c215. - MIN-I-JET ADREN 1mg/1mL injection
c216. - ADRENALINE 280micrograms inhaler
c221. - EPHEDRINE HYDROCHLORIDE 15mg tablets
c222. - EPHEDRINE HYDROCHLORIDE 30mg tablets
c223. - EPHEDRINE HYDROCHLORIDE 60mg tablets
c224. - EPHEDRINE HYDROCHLORIDE 15mg/5mL elixir

c225. - *CAM SF 15mg/5mL mixture
c226. - CAM 4mg/5mL sugar free mixture
c227. - EPHEDRINE HYDROCHLORIDE 4mg/5mL sugar free mixture
c251. - *ALUPENT 20mg tablets
c252. - *ALUPENT 10mg/5mL syrup
c253. - ALUPENT 500microgram/1mL injection
c254. - *ALUPENT 750micrograms inhaler
c255. - ALUPENT 750micrograms inhaler refill
c25v. - *ORCIPRENALINE 20mg tablets
c25w. - *ORCIPRENALINE 10mg/5mL syrup
c25x. - ORCIPRENALINE 500microgram/1mL injection
c25y. - ORCIPRENALINE 750micrograms inhaler
c25z. - ORCIPRENALINE 750micrograms inhaler refill
c311. - *ATROVENT 20micrograms inhaler
c312. - ATROVENT 500microgram/2mL nebuliser solution
c313. - ATROVENT FORTE 40microgram inhaler
c314. - ATROVENT 250microgram/1mL nebuliser solution
c315. - ATROVENT 20micrograms Autohaler
c316. - STERI-NEB IPRATROPIUM 250micrograms/1mL nebulisation units
c317. - STERI-NEB IPRATROPIUM 500micrograms/2mL nebulisation units
c318. - ATROVENT 40micrograms Aerocaps refill pack
c319. - ATROVENT 40micrograms Aerocaps+Aerohaler device

c31A. - IPRATROPIUM BROMIDE 40mcg inhalation capsules
c31B. - IPRATROPIUM BROMIDE 40mcg inhalation capsules+inhaler device
c31C. - RESPONTIN 250micrograms/1mL Nebules
c31D. - RESPONTIN 500micrograms/2mL Nebules
c31E. - TROPIOVENT 250micrograms/1mL Steripoules
c31F. - TROPIOVENT 500micrograms/2mL Steripoules
c31G. - ATROVENT 20micrograms CFC-free inhaler
c31t. - IPRATROPIUM BROMIDE 20micrograms CFC-free inhaler
c31u. - IPRATROPIUM 20micrograms breath-actuated aerosol inhaler
c31v. - IPRATROPIUM 250micrograms/1mL nebuliser solution
c31w. - IPRATROPIUM 500micrograms/2mL nebuliser solution
c31x. - IPRATROPIUM 20micrograms inhaler
c31y. - IPRATROPIUM 250micrograms/mL nebuliser solution
c31z. - IPRATROPIUM 40microgram inhaler
c331. - TIOTROPIUM 18micrograms inhalation capsules
c332. - TIOTROPIUM 18micrograms capsules with inhaler device
c333. - TIOTROPIUM 2.5micrograms inhalation cartridges with inhaler device
c33x. - SPIRIVA RESPIMAT 2.5micrograms inhalation cartridges with Respimat inhaler device
c33y. - SPIRIVA COMBOPACK 18micrograms capsules with HandiHaler inhaler device
c33z. - SPIRIVA 18micrograms inhalation capsules
c341. - EKLIRA GENUAIR 322micrograms/dose dry powder inhaler
c342. - ACLIDINIUM 322micrograms/dose dry powder inhaler

c351. - INCRUSE ELLIPTA 55micrograms/dose dry powder inhaler
c352. - UMECLIDINIUM 55micrograms/dose dry powder inhaler
c411. - AMINOPHYLLINE 100mg tablets
c412. - AMINOPHYLLINE 250mg/10mL injection
c413. - AMINOPHYLLINE 500mg/2mL injection
c414. - AMINOPHYLLINE 50mg suppositories
c415. - AMINOPHYLLINE 100mg suppositories
c416. - AMINOPHYLLINE 150mg suppositories
c417. - AMINOPHYLLINE 180mg suppositories
c418. - AMINOPHYLLINE 360mg suppositories
c419. - *THEODROX tablets
c41A. - *NORPHYLLIN 100mg tablets
c41a. - PHYLLOCONTIN CONTINUS 225mg m/r tablets
c41B. - NORPHYLLIN SR 225mg m/r tablets
c41b. - PHYLLOCONTIN FORTE 350mg m/r tablets
c41C. - NORPHYLLIN SR 350mg m/r tablets
c41c. - PHYLLOCONTIN PAEDIATRIC 100mg m/r tablets
c41d. - AMINOPHYLLINE 225mg m/r tablets
c41e. - *PECRAM 225mg m/r tablets
c41f. - AMINOPHYLLINE 350mg m/r tablets
c41g. - AMINOPHYLLINE 100mg m/r tablets
c41h. - *AMNIVENT 225mg m/r tablets

c41i. - *AMNIVENT 350mg m/r tablets
c41j. - MIN-I-JET AMINOPHYLLINE 250mg/10mL injection
c41k. - AMINOPHYLLINE 250mg/10mL prefilled syringe
c41m. - AMINOPHYLLINE HYDRATE 225mg m/r tablets
c431. - *BIOPHYLLINE 125mg/5mL syrup
c432. - *NUELIN 125mg tablets
c433. - *NUELIN 60mg/5mL liquid
c434. - *LASMA 300mg m/r tablets
c435. - NUELIN SA 175mg m/r tablets
c436. - NUELIN SA-250 250mg m/r tablets
c437. - *PRO-VENT 300mg m/r capsules
c438. - SLO-PHYLLIN 60mg m/r capsules
c439. - SLO-PHYLLIN 125mg m/r capsules
c43a. - SLO-PHYLLIN 250mg m/r capsules
c43A. - THEOPHYLLINE 200mg/10mL injection
c43b. - *THEO-DUR 200mg m/r tablets
c43B. - THEOPHYLLINE 10mg/5mL sugar free solution
c43c. - *THEO-DUR 300mg m/r tablets
c43d. - *THEOGRAD 350mg m/r tablets
c43e. - UNIPHYLLIN CONTINUS 400mg m/r tablets
c43f. - UNIPHYLLIN CONTINUS 200mg m/r tablets
c43g. - LABOPHYLLINE 200mg/10mL injection

c43h. - UNIPHYLLIN CONTINUS 300mg m/r tablets
c43i. - *BIOPHYLLINE 350mg m/r tablets
c43j. - *BIOPHYLLINE 500mg m/r tablets
c43k. - THEOPHYLLINE 500mg m/r tablets
c43m. - *THEOPHYLLINE 125mg/5mL syrup
c43n. - *THEOPHYLLINE 125mg tablets
c43o. - *THEOPHYLLINE 60mg/5mL liquid
c43p. - THEOPHYLLINE 175mg m/r tablets
c43q. - THEOPHYLLINE 250mg m/r tablets
c43r. - THEOPHYLLINE 300mg m/r capsules
c43s. - THEOPHYLLINE 60mg m/r capsules
c43t. - THEOPHYLLINE 125mg m/r capsules
c43u. - THEOPHYLLINE 250mg m/r capsules
c43v. - THEOPHYLLINE 200mg m/r tablets
c43w. - THEOPHYLLINE 300mg m/r tablets
c43x. - THEOPHYLLINE 350mg m/r tablets
c43y. - THEOPHYLLINE 400mg m/r tablets
c43z. - *THEOPHYLLINE 200mg tablets
c511. - ADRENALINE+ATROPINE COMPOUND spray
c512. - ALUPENT EXPECTORANT 20mg tablets
c513. - *ALUPENT EXPECTORANT mixture
c514. - *ASMA-VYDRIN spray

c515. - *ASMA-VYDRIN spray 120mL
c516. - *BRICANYL COMPOUND tablets
c517. - *BRICANYL EXPECTORANT elixir
c518. - *BRONCHILATOR inhaler
c519. - *BROVON spray 20mL
c51a. - *BROVON spray 50mL
c51A. - FENOTEROL HYDROBROM+IPRATROPIUM BR 100micrograms/40micrograms inhaler
c51b. - *BROVON MIDGET inhaler
c51B. - FENOTEROL HYDROBROM+IPRATROPIUM BR 100micrograms/40micrograms breath-act aerosol inhaler
c51c. - BROVON RESERVOIR+CLOSURE
c51C. - SALBUTAMOL+IPRATROPIUM BROMIDE 100micrograms/20micrograms inhaler
c51D. - *COMBIVENT inhaler
c51d. - BROVON RUBBER BULB
c51e. - *BROVON pressurised inhaler
c51E. - COMBIVENT Unit Dose Vials
c51f. - *CAM mixture
c51F. - SALBUTAMOL+IPRATROPIUM BROMIDE 2.5mg/500micrograms nebulisation units
c51g. - *DUO-AUTOHALER inhaler
c51G. - SALIPRANEB nebuliser solution 2.5mL
c51h. - DUO-AUTOHALER refill cannister
c51H. - IPRATROPIUM BROMIDE+SALBUTAMOL 500mcg/2.5mg nebuliser soln
c51i. - *DUOVENT inhaler

c51l. - ANORO ELLIPTA 55micrograms/22micrograms dry powder inhaler
c51j. - ISO-BROVON pressurised inhaler
c51J. - UMECLIDINIUM+VILANTEROL 55mcg/22mcg dry powder inhaler
c51K. - DUAKLIR GENUAIR 340micrograms/12micrograms powder inhaler
c51k. - ISO-BROVON PLUS pressurised inhaler
c51l. - *MEDIHALER DUO inhaler
c51L. - ACLIDINIUM+FORMOTEROL FUMARATE DIHYD 340mcg/12mcg pdr inh
c51m. - *NETHAPRIN DOSPAN m/r tablets
c51n. - RYBARVIN INHALANT solution 30mL
c51o. - *RYBAR NO-1 inhaler
c51p. - *RYBAR NO-2 inhaler
c51q. - *TAUMASTHMAN tablets
c51r. - *TEDRAL tablets
c51s. - *TEDRAL elixir
c51t. - *FRANOL NEW 11mg/120mg tablets
c51u. - FRANOL PLUS NEW 15mg/120mg tablets
c51v. - DUOVENT UDV nebuliser solution 4mL
c51w. - IPRATROPIUM BR+FENOTEROL HBR 500micrograms/1.25mg nebuliser solution 4mL
c51x. - *DUOVENT Autohaler
c51y. - AMBIGUOUS CODE-DUPLICATED ISSUE
c531. - IPRAMOL STERI-NEB 2.5mg/500micrograms nebuliser solution 2.5mL
c611. - BECLOFORTE 250microgram inhaler

c612. - BECOTIDE-50 50microgram inhaler
c613. - BECOTIDE 100micrograms rotacaps
c614. - BECOTIDE 200micrograms rotacaps
c615. - *BECOTIDE rotahaler device
c616. - BECOTIDE 50micrograms/mL nebuliser solution
c617. - BECOTIDE-100 100microgram inhaler
c618. - *VOLUMATIC spacer device
c619. - BECODISK 100micrograms diskhaler 14x8
c61A. - BECLOMETASONE DIPROPIONATE 400micrograms disks+disk inhaler
c61a. - BECODISK 200micrograms diskhaler 14x8
c61B. - BECLOMETASONE DIPROPIONATE 400micrograms disk refill
c61b. - BECOTIDE 400micrograms rotacaps
c61C. - BECLOMETHASONE DIPROPIONATE 250micrograms inhaler+spacer device
c61c. - BECODISK 100micrograms disk refill 14x8
c61D. - BECLOMETASONE DIPROPIONATE 50micrograms breath-actuated aerosol inhaler
c61d. - BECODISK 200micrograms disk refill 14x8
c61E. - BECLOMETASONE DIPROPIONATE 250micrograms breath-actuated aerosol inhaler
c61e. - BECODISK 400micrograms diskhaler 7x8
c61F. - BECLOMETASONE DIPROPIONATE 100micrograms breath-actuated aerosol inhaler
c61f. - BECODISK 400micrograms disk refill 7x8
c61G. - *FILAIR 50micrograms inhaler
c61g. - BECLOFORTE VM 250micrograms inhaler+volumatic

c61H. - *FILAIR 100micrograms inhaler
c61h. - BECLOMETASONE DIPROPIONATE 400micrograms inhalation capsules
c61i. - BECOTIDE-200 200microgram inhaler
c61j. - *AEROBEC 50microgram Autohaler
c61J. - FILAIR FORTE 250micrograms inhaler
c61k. - AEROBEC FORTE 250micrograms Autohaler
c61K. - BECLAZONE 50micrograms inhaler
c61l. - AEROBEC 100microgram Autohaler
c61L. - BECLAZONE 100micrograms inhaler
c61M. - BECLAZONE 250micrograms inhaler
c61m. - BECLOFORTE DISKHALER 400micrograms 14x8
c61N. - BECLAZONE 50 EASI-BREATHE inhaler
c61n. - BECLOFORTE DISKS 400micrograms disk refill 14x8
c61O. - BECLAZONE 100 EASI-BREATHE inhaler
c61P. - BECLAZONE 250 EASI-BREATHE inhaler
c61p. - BECLOMETASONE DIPROPIONATE 100micrograms disks+disk inhaler
c61Q. - BECLOFORTE INTEGRA 250micrograms inhaler+compact spacer
c61q. - BECLOMETASONE DIPROPIONATE 200micrograms disks+disk inhaler
c61R. - BECLOFORTE INTEGRA 250micrograms refill
c61r. - BECLOMETASONE DIPROPIONATE 100micrograms disk refill
c61s. - BECLOMETASONE DIPROPIONATE 200micrograms disk refill
c61S. - BECLOMETHASONE DIPROPIONATE 250micrograms inhaler+compact spacer

c61t. - BECLOMETASONE DIPROPIONATE 250micrograms inhaler
c61T. - BECLOMETHASONE DIPROPIONATE 250micrograms compact spacer refill
c61u. - BECLOMETASONE DIPROPIONATE 200micrograms inhaler
c61U. - BECLOMETHASONE rotahaler device
c61v. - BECLOMETASONE DIPROPIONATE 50micrograms inhaler
c61V. - BECLOMETHASONE DIPROPIONATE 50micrograms vortex metered dose inhaler
c61W. - *BDP 50micrograms Spacehaler
c61w. - BECLOMETASONE DIPROPIONATE 100micrograms inhalation capsules
c61x. - BECLOMETASONE DIPROPIONATE 200micrograms inhalation capsules
c61X. - BECLOMETHASONE DIPROPIONATE 100micrograms vortex metered dose inhaler
c61Y. - *BDP 100micrograms Spacehaler
c61y. - BECLOMETHASONE DIPROPIONATE 50micrograms/mL nebuliser solution
c61z. - BECLOMETASONE DIPROPIONATE 100micrograms inhaler
c61Z. - BECLOMETHASONE DIPROPIONATE 250micrograms vortex metered dose inhaler
c621. - *VENTIDE inhaler
c622. - *VENTIDE Rotacaps
c623. - *VENTIDE paediatric Rotacaps
c624. - *VENTIDE Rotahaler device
c631. - *BEXTASOL 100microgram inhaler
c63z. - BETAMETHASONE 100micrograms inhaler
c641. - PULMICORT 200micrograms inhaler 200dose
c642. - PULMICORT 200micrograms refill 100dose

c643. - PULMICORT 200micrograms refill 200dose
c644. - PULMICORT LS 50micrograms inhaler
c645. - PULMICORT LS 50micrograms refill
c646. - *NEBUHALER spacer device
c647. - PULMICORT 200microgram inhaler 100dose
c648. - PULMICORT 200microgram Turbohaler 100dose
c649. - PULMICORT 400microgram Turbohaler 50dose
c64A. - BUDESONIDE 200micrograms refill cannister
c64a. - PULMICORT 500micrograms Respules 2mL unit
c64B. - BUDESONIDE 50micrograms spacer inhaler
c64b. - PULMICORT 1mg Respules 2mL unit
c64c. - PULMICORT 100microgram Turbohaler 200dose
c64C. - PULMICORT 200micrograms spacer inhaler
c64d. - BUDESONIDE 100micrograms breath-actuated dry powder inhaler
c64D. - PULMICORT LS 50micrograms spacer inhaler
c64e. - BUDESONIDE 50micrograms refill cannister
c64E. - PULMICORT 200micrograms inhaler with NebuChamber
c64F. - BUDESONIDE 200micrograms/dose dry powder cartridge refill
c64g. - BUDESONIDE 200micrograms breath-actuated dry powder inhaler
c64G. - NOVOLIZER BUDESONIDE 200micrograms/dose dry powder cartridge refill
c64h. - BUDESONIDE 400micrograms breath-actuated dry powder inhaler
c64H. - EASYHALER BUDESONIDE 100micrograms breath-actuated dry powder inhaler

c64i. - BUDESONIDE 500micrograms/2mL nebuliser solution
c64l. - EASYHALER BUDESONIDE 200micrograms breath-actuated dry powder inhaler
c64j. - BUDESONIDE 1mg/2mL nebuliser solution
c64J. - EASYHALER BUDESONIDE 400micrograms breath-actuated dry powder inhaler
c64k. - *BUDESONIDE 200 Cyclocaps
c64K. - PULMICORT 100micrograms CFC-free inhaler
c64l. - *BUDESONIDE 400 Cyclocaps
c64L. - BUDESONIDE 100micrograms CFC-free inhaler
c64m. - BUDESONIDE 200micrograms inhalation capsules
c64M. - PULMICORT 200micrograms CFC-free inhaler
c64N. - BUDESONIDE 200micrograms CFC-free inhaler
c64n. - BUDESONIDE 400micrograms inhalation capsules
c64o. - BUDESONIDE 200micrograms inhaler with spacer device
c64p. - NOVOLIZER BUDESONIDE 200micrograms/dose dry powder cartridge and refillable inhaler device
c64u. - BUDESONIDE 200micrograms/dose dry powder cartridge and refillable inhaler device
c64v. - BUDESONIDE 200micrograms inhaler
c64w. - *BUDESONIDE refill 100dose
c64x. - *BUDESONIDE refill 200dose
c64y. - BUDESONIDE 50micrograms inhaler
c64z. - BUDESONIDE 200micrograms spacer inhaler
c651. - FLIXOTIDE 50micrograms diskhaler
c652. - FLIXOTIDE 100micrograms diskhaler

c653. - FLIXOTIDE 250micrograms diskhaler
c654. - FLUTICASONE PROPIONATE 50micrograms disks+disk inhaler
c655. - FLUTICASONE PROPIONATE 100micrograms disks+disk inhaler
c656. - FLUTICASONE PROPIONATE 250micrograms disks+disk inhaler
c657. - FLIXOTIDE 50micrograms disk refill
c658. - FLIXOTIDE 100micrograms disk refill
c659. - FLIXOTIDE 250micrograms disk refill
c65a. - FLIXOTIDE 2mg/2mL Nebules
c65A. - FLUTICASONE PROPIONATE 50micrograms disk refill
c65B. - FLUTICASONE PROPIONATE 100micrograms disk refill
c65b. - FLUTICASONE PROPIONATE 125micrograms CFC-free inhaler
c65c. - FLUTICASONE PROPIONATE 250micrograms CFC-free inhaler
c65C. - FLUTICASONE PROPIONATE 250micrograms disk refill
c65d. - FLIXOTIDE 125micrograms Evohaler
c65D. - FLIXOTIDE 25micrograms inhaler
c65e. - FLIXOTIDE 250micrograms Evohaler
c65E. - FLIXOTIDE 50micrograms inhaler
c65F. - FLIXOTIDE 125micrograms inhaler
c65f. - FLUTICASONE PROPIONATE 50micrograms CFC-free inhaler
c65g. - FLIXOTIDE 50micrograms Evohaler
c65G. - FLUTICASONE PROPIONATE 25micrograms inhaler
c65H. - FLUTICASONE PROPIONATE 50micrograms inhaler

c65I. - FLUTICASONE PROPIONATE 125micrograms inhaler
c65J. - FLUTICASONE PROPIONATE 250micrograms inhaler
c65K. - FLIXOTIDE 250micrograms inhaler
c65L. - FLIXOTIDE 500micrograms diskhaler
c65M. - FLIXOTIDE 500micrograms disk refill
c65N. - FLUTICASONE PROPIONATE 500micrograms disks+disk inhaler
c65O. - FLUTICASONE PROPIONATE 500micrograms disk refill
c65P. - FLUTICASONE PROPIONATE 50micrograms breath-actuated dry powder inhaler
c65Q. - FLUTICASONE PROPIONATE 100micrograms breath-actuated dry powder inhaler
c65R. - FLUTICASONE PROPIONATE 250micrograms breath-actuated dry powder inhaler
c65S. - FLUTICASONE PROPIONATE 500micrograms breath-actuated dry powder inhaler
c65T. - FLIXOTIDE 50micrograms Accuhaler
c65U. - FLIXOTIDE 100micrograms Accuhaler
c65V. - FLIXOTIDE 250micrograms Accuhaler
c65W. - FLIXOTIDE 500micrograms Accuhaler
c65X. - FLUTICASONE PROPIONATE 0.5mg/2mL nebulisation units
c65Y. - FLUTICASONE PROPIONATE 2mg/2mL nebulisation units
c65Z. - FLIXOTIDE 0.5mg/2mL Nebules
c661. - *BDP 250micrograms Spacehaler
c662. - BECOTIDE 50 EASI-BREATHE inhaler
c663. - BECOTIDE 100 EASI-BREATHE inhaler
c664. - BECLOFORTE EASI-BREATHE 250micrograms inhaler

c665. - QVAR 50 inhaler
c666. - QVAR 100 inhaler
c667. - QVAR 50 Autohaler
c668. - QVAR 100 Autohaler
c669. - *BECLAZONE 200 inhaler
c66A. - BECLOMETASONE DIPROPIONATE 50micrograms breath-actuated dry powder inhaler
c66a. - QVAR EASI-BREATHE 100micrograms CFC-free breath-actuated dry powder inhaler
c66B. - BECLOMETASONE DIPROPIONATE 100micrograms breath-actuated dry powder inhaler
c66b. - EASYHALER BECLOMETASONE 200micrograms breath-actuated dry powder inhaler
c66C. - BECLOMETASONE DIPROPIONATE 250micrograms breath-actuated dry powder inhaler
c66c. - CLENIL MODULITE 50micrograms CFC-free inhaler
c66D. - ASMABEC 50micrograms Clickhaler
c66d. - CLENIL MODULITE 100micrograms CFC-free inhaler
c66E. - ASMABEC 100micrograms Clickhaler
c66e. - CLENIL MODULITE 200micrograms CFC-free inhaler
c66F. - ASMABEC 250micrograms Clickhaler
c66f. - CLENIL MODULITE 250micrograms CFC-free inhaler
c66g. - BECLOMETASONE DIPROPIONATE 200micrograms CFC-free inhaler
c66G. - BECLOMETASONE DIPROPIONATE 400micrograms breath-actuated dry powder inhaler
c66H. - BECLOMETASONE DIPROPIONATE 200micrograms breath-actuated dry powder inhaler
c66h. - BECLOMETASONE DIPROPIONATE 250micrograms CFC-free inhaler
c66I. - PULVINAL BECLOMETHASONE DIPROPIONATE 100micrograms breath-actuated dry powder inhaler

c66J. - PULVINAL BECLOMETHASONE DIPROPIONATE 200micrograms breath-actuated dry powder inhaler
c66K. - PULVINAL BECLOMETHASONE DIPROPIONATE 400micrograms breath-actuated dry powder inhaler
c66L. - *BECLOMETASONE 100 cyclocaps
c66M. - *BECLOMETASONE 200 cyclocaps
c66N. - *BECLOMETASONE 400 cyclocaps
c66P. - BECODISK 100micrograms diskhaler 15x8
c66Q. - BECODISK 200micrograms diskhaler 15x8
c66R. - BECODISK 400micrograms diskhaler 15x8
c66S. - BECODISK 100micrograms disk refill 15x8
c66T. - BECODISK 200micrograms disk refill 15x8
c66U. - BECODISK 400micrograms disk refill 15x8
c66V. - BECLOMETASONE DIPROPIONATE 50micrograms CFC-free inhaler
c66W. - BECLOMETASONE DIPROPIONATE 100micrograms CFC-free inhaler
c66X. - BECLOMETASONE DIPROPIONATE 50micrograms CFC-free breath-actuated aerosol inhaler
c66Y. - BECLOMETASONE DIPROPIONATE 100micrograms CFC-free breath-actuated aerosol inhaler
c66Z. - QVAR EASI-BREATHE 50micrograms CFC-free breath-actuated dry powder inhaler
c671. - SYMBICORT 100/6 Turbohaler
c672. - SYMBICORT 200/6 Turbohaler
c673. - SYMBICORT 400/12 Turbohaler
c674. - DUORESP SPIROMAX 160mcg/4.5mcg breath-act dry powder inhaler

c675. - DUORESP SPIROMAX 320mcg/9mcg breath-act dry powder inhaler
c67x. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 400micrograms/12micrograms breath-actuated dry powder inhaler
c67y. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 200micrograms/6micrograms breath-actuated dry powder inhaler
c67z. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 100micrograms/6micrograms breath-actuated dry powder inhaler
c681. - MOMETASONE FUROATE 200micrograms breath-actuated dry powder inhaler
c682. - MOMETASONE FUROATE 400micrograms breath-actuated dry powder inhaler
c683. - ASMANEX TWISTHALER 200micrograms breath-actuated dry powder inhaler
c684. - ASMANEX TWISTHALER 400micrograms breath-actuated dry powder inhaler
c691. - ALVESCO 160micrograms inhaler
c692. - ALVESCO 80micrograms inhaler
c69y. - CICLESONIDE 80micrograms inhaler
c69z. - CICLESONIDE 160micrograms inhaler
c6A1. - FOSTAIR 100micrograms/6micrograms inhaler
c6A2. - FOSTAIR NEXTHALER 100micrograms/6micrograms powder inhaler
c6Ay. - BECLOMET DIPROP+FORMOTERL FUMARATE DIHYD 100mcg/6mcg pdr inh
c6Az. - BECLOMETASONE DIPROPIONATE+FORMETEROL FUMARATE DIHYDRATE 100micrograms/6micrograms inhaler
c6B1. - RELVAR ELLIPTA 184micrograms/22micrograms inhaler
c6B2. - FLUTICASONE FUROATE+VILANTEROL 184mcg/22mcg dry pdr inhaler
c6B3. - RELVAR ELLIPTA 92micrograms/22micrograms inhaler
c6B4. - FLUTICASONE FUROATE+VILANTEROL 92mcg/22mcg dry pdr inhaler

c711. - *INTAL 1mg inhaler
c712. - *INTAL HALERMATIC insufflator
c713. - *INTAL 20mg spincaps
c714. - *INTAL SPINHALER insufflator
c715. - INTAL 20mg/2mL nebuliser solution
c716. - *INTAL 5mg inhaler
c717. - SODIUM CROMOGLICATE 20mg inhalation capsules
c718. - SODIUM CROMOGLICATE 20mg/2mL nebuliser solution
c719. - SODIUM CROMOGLICATE 5mg inhaler
c71a. - *INTAL 5mg Autohaler
c71b. - STERI-NEB CROMOGEN 20mg nebulisation units
c71c. - *CROMOGEN 5mg inhaler
c71d. - INTAL FISONAIR 5mg inhaler + spacer device
c71e. - SODIUM CROMOGLICATE 5mg inhaler + spacer device
c71f. - SODIUM CROMOGLYCAT 5mg auto inhaler
c71g. - INTAL SYNCRONER 5mg inhaler + spacer device 2x112dose
c71h. - SODIUM CROMOGLICATE 5mg breath-actuated aerosol inhaler
c71i. - INTAL 5mg CFC-free inhaler
c71j. - CROMOGEN EASI-BREATHE 5mg breath-actuated aerosol inhaler
c71k. - SODIUM CROMOGLICATE 5mg CFC-free inhaler
c721. - *INTAL COMPOUND spincaps
c722. - *AEROCROM inhaler

c723. - AEROCROM SYNCRONER inhaler + spacer device
c72y. - SODIUM CROMOGLICATE+SALBUTAMOL 1mg/100micrograms inhaler + spacer device
c72z. - SODIUM CROMOGLICATE+SALBUTAMOL 1mg/100micrograms inhaler
c731. - *ZADITEN 1mg capsules
c732. - ZADITEN 1mg tablets
c733. - ZADITEN 1mg/5mL elixir
c734. - *KETOTIFEN 1mg capsules
c735. - KETOTIFEN 1mg tablets
c736. - KETOTIFEN 1mg/5mL elixir
c73x. - *KETOTIFEN 1mg capsules
c73y. - *KETOTIFEN 1mg tablets
c73z. - *KETOTIFEN 1mg/5mL elixir
c741. - *TILADE MINT 2mg inhaler
c742. - *NEDOCROMIL SODIUM 2mg inhaler
c743. - *TILADE MINT 2mg inhaler
c744. - TILADE MINT SYNCRONER 2mg inhaler
c745. - NEDOCROMIL SODIUM 2mg inhaler + spacer
c746. - NEDOCROMIL SODIUM 2mg CFC-free inhaler
c747. - TILADE 2mg CFC-free inhaler
cA11. - MONTELUKAST 10mg tablets
cA12. - MONTELUKAST 5mg chewable tablets
cA13. - SINGULAIR 10mg tablets

cA14. - SINGULAIR PAEDIATRIC 5mg chewable tablets
cA15. - SINGULAIR PAEDIATRIC 4mg chewable tablets
cA16. - SINGULAIR PAEDIATRIC 4mg/sachet granules
cA1y. - MONTELUKAST 4mg/sachet granules
cA1z. - MONTELUKAST 4mg chewable tablets
cA21. - ZAFIRLUKAST 20mg tablets
cA22. - ACCOLATE 20mg tablets
ck11. - OMALIZUMAB 150mg injection(pdr for recon)+solvent
ck12. - XOLAIR 150mg injection(pdr for recon)+solvent
ck13. - OMALIZUMAB 75mg/0.5mL soln for injection prefilled syringe
ck14. - XOLAIR 75mg/0.5mL solution for injection prefilled syringe
ck15. - OMALIZUMAB 150mg/1mL soln for injection prefilled syringe
ck16. - XOLAIR 150mg/1mL solution for injection prefilled syringe

Table C: List of Read codes used to define Inhaled Corticosteroids (ICS) high dosage

c1D2. - SERETIDE 250 Accuhaler
c1D3. - SERETIDE 500 Accuhaler
c1D5. - SERETIDE 125 Evohaler
c1D6. - SERETIDE 250 Evohaler
c1Dv. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/125micrograms CFC-free inhaler
c1Dw. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/250micrograms CFC-free inhaler

c1Dy. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/250micrograms breath-actuated dry powder inhaler
c1Dz. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/500micrograms breath-actuated dry powder inhaler
c1c2. - FLUTIFORM 125micrograms/5micrograms inhaler
c1c3. - FLUTIFORM 250micrograms/10micrograms inhaler
c1cx. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 250mcg/10mcg inh
c1cy. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 125mcg/5mcg inh
c648. - PULMICORT 200microgram Turbohaler 100dose
c649. - PULMICORT 400microgram Turbohaler 50dose
c64F. - BUDESONIDE 200micrograms/dose dry powder cartridge refill
c64G. - NOVOLIZER BUDESONIDE 200micrograms/dose dry powder cartridge refill
c64I. - EASYHALER BUDESONIDE 200micrograms breath-actuated dry powder inhaler
c64J. - EASYHALER BUDESONIDE 400micrograms breath-actuated dry powder inhaler
c64K. - PULMICORT 100micrograms CFC-free inhaler
c64g. - BUDESONIDE 200micrograms breath-actuated dry powder inhaler
c64h. - BUDESONIDE 400micrograms breath-actuated dry powder inhaler
c64p. - NOVOLIZER BUDESONIDE 200micrograms/dose dry powder cartridge and refillable inhaler device
c64u. - BUDESONIDE 200micrograms/dose dry powder cartridge and refillable inhaler device
c65R. - FLUTICASONE PROPIONATE 250micrograms breath-actuated dry powder inhaler
c65S. - FLUTICASONE PROPIONATE 500micrograms breath-actuated dry powder inhaler
c65V. - FLIXOTIDE 250micrograms Accuhaler
c65W. - FLIXOTIDE 500micrograms Accuhaler

c65b. - FLUTICASONE PROPIONATE 125micrograms CFC-free inhaler
c65c. - FLUTICASONE PROPIONATE 250micrograms CFC-free inhaler
c65d. - FLIXOTIDE 125micrograms Evohaler
c65e. - FLIXOTIDE 250micrograms Evohaler
c666. - QVAR 100 inhaler
c668. - QVAR 100 Autohaler
c66C. - BECLOMETASONE DIPROPIONATE 250micrograms breath-actuated dry powder inhaler
c66F. - ASMABEC 250micrograms Clickhaler
c66a. - QVAR EASI-BREATHE 100micrograms CFC-free breath-actuated dry powder inhaler
c66b. - EASYHALER BECLOMETASONE 200micrograms breath-actuated dry powder inhaler
c66e. - CLENIL MODULITE 200micrograms CFC-free inhaler
c66f. - CLENIL MODULITE 250micrograms CFC-free inhaler
c672. - SYMBICORT 200/6 Turbohaler
c673. - SYMBICORT 400/12 Turbohaler
c67x. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 400micrograms/12micrograms breath-actuated dry powder inhaler
c67y. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 200micrograms/6micrograms breath-actuated dry powder inhaler
c682. - MOMETASONE FUROATE 400micrograms breath-actuated dry powder inhaler
c684. - ASMANEX TWISTHALER 400micrograms breath-actuated dry powder inhaler
c691. - ALVESCO 160micrograms inhaler
c69z. - CICLESONIDE 160micrograms inhaler
c6A1. - FOSTAIR 100micrograms/6micrograms inhaler

c6Az. - BECLOMETASONE DIPROPIONATE+FORMETEROL FUMARATE DIHYDRATE
100micrograms/6micrograms inhaler

c6B1. - RELVAR ELLIPTA 184micrograms/22micrograms inhaler

c6B2. - FLUTICASONE FUROATE+VILANTEROL 184mcg/22mcg dry pdr inhaler

c6B3. - RELVAR ELLIPTA 92micrograms/22micrograms inhaler

c6B4. - FLUTICASONE FUROATE+VILANTEROL 92mcg/22mcg dry pdr inhaler

Table D: List of Read codes used to define Inhaled Corticosteroids long-acting beta agonists

c1D.. - SALMETEROL+FLUTICASONE PROPIONATE
c1D1. - SERETIDE 100 Accuhaler
c1D2. - SERETIDE 250 Accuhaler
c1D3. - SERETIDE 500 Accuhaler
c1D4. - SERETIDE 50 Evohaler
c1D5. - SERETIDE 125 Evohaler
c1D6. - SERETIDE 250 Evohaler
c1D7. - SIRDUPLA 25micrograms/125micrograms inhaler
c1D8. - SIRDUPLA 25micrograms/250micrograms inhaler
c1Du. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/50micrograms CFC-free inhaler
c1Dv. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/125micrograms CFC-free inhaler
c1Dw. - SALMETEROL+FLUTICASONE PROPIONATE 25micrograms/250micrograms CFC-free inhaler
c1Dx. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/100micrograms breath-actuated dry powder inhaler
c1Dy. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/250micrograms breath-actuated dry powder inhaler
c1Dz. - SALMETEROL+FLUTICASONE PROPIONATE 50micrograms/500micrograms breath-actuated dry powder inhaler
c1c.. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE
c1c1. - FLUTIFORM 50micrograms/5micrograms inhaler
c1c2. - FLUTIFORM 125micrograms/5micrograms inhaler

c1c3. - FLUTIFORM 250micrograms/10micrograms inhaler
c1cx. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 250mcg/10mcg inh
c1cy. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 125mcg/5mcg inh
c1cz. - FLUTICASONE PROPIONATE+FORMOTEROL FUMARATE 50mcg/5mcg inh
c67.. - BUDESONIDE+FORMOTEROL
c671. - SYMBICORT 100/6 Turbohaler
c672. - SYMBICORT 200/6 Turbohaler
c673. - SYMBICORT 400/12 Turbohaler
c674. - DUORESP SPIROMAX 160mcg/4.5mcg breath-act dry powder inhaler
c675. - DUORESP SPIROMAX 320mcg/9mcg breath-act dry powder inhaler
c67x. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 400micrograms/12micrograms breath-actuated dry powder inhaler
c67y. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 200micrograms/6micrograms breath-actuated dry powder inhaler
c67z. - BUDESONIDE+FORMOTEROL FUMARATE DIHYDRATE 100micrograms/6micrograms breath-actuated dry powder inhaler
c6A.. - BECLOMETASONE+FORMOTEROL
c6A1. - FOSTAIR 100micrograms/6micrograms inhaler
c6A2. - FOSTAIR NEXTHALER 100micrograms/6micrograms powder inhaler
c6Ay. - BECLOMET DIPROP+FORMOTERL FUMARATE DIHYD 100mcg/6mcg pdr inh
c6Az. - BECLOMETASONE DIPROPIONATE+FORMETEROL FUMARATE DIHYDRATE 100micrograms/6micrograms inhaler
c6B.. - FLUTICASONE+VILANTEROL
c6B1. - RELVAR ELLIPTA 184micrograms/22micrograms inhaler

c6B2. - FLUTICASONE FUROATE+VILANTEROL 184mcg/22mcg dry pdr inhaler
c6B3. - RELVAR ELLIPTA 92micrograms/22micrograms inhaler
c6B4. - FLUTICASONE FUROATE+VILANTEROL 92mcg/22mcg dry pdr inhaler

Table E: List of Read codes used to define Seasonal Allergic Rhinitis diagnosis

F4C13 - Vernal conjunctivitis
F4C14 - Other chronic allergic conjunctivitis
Hyu20 - [X]Other seasonal allergic rhinitis
H170. - Allergic rhinitis due to pollens

Table F: List of Read codes used to define Seasonal Allergic Rhinitis treatment codes

I81.. - BECLOMETASONE DIPROPIONATE [NOSE]
I811. - BECONASE 50micrograms nasal spray
I812. - BECONASE AQUEOUS 50microgram nasal spray
I813. - ZONIVENT AQUANASAL 50micrograms spray
I814. - BECONASE HAYFEVER 50micrograms aqueous nasal spray
I815. - NASOBEC AQUEOUS 50micrograms nasal spray
I816. - NASOBEC HAYFEVER 50micrograms nasal spray
I817. - *BECLO-AQUA 50 nasal spray
I818. - BECLOMIST 50micrograms nasal spray
I819. - VIVABEC 50micrograms nasal spray
I81a. - CARE HAYFEVER RELIEF 50micrograms nasal spray
I81b. - RINO CLENIL 50micrograms nasal spray

I81c. - POLLENASE 50micrograms nasal spray
I81d. - VANTAGE HAYFEVER RELIEF 50micrograms nasal spray
I81e. - BECONASE HAYFEVER RELIEF FOR ADULTS 50micrograms nasal spray
I81y. - BECLOMETHASONE 50micrograms nasal spray
I81z. - BECLOMETASONE 50micrograms aqueous nasal spray
I82.. - BETAMETHASONE SOD PHOSPHATE [NOSE]
I821. - *BETNESOL nose drops 5mL
I822. - BETNESOL 0.1% nose drops 10mL
I823. - VISTA-METHASONE 0.1% nose drops 5mL
I824. - VISTA-METHASONE 0.1% nose drops 10mL
I825. - BETNESOL-N nose drops 10mL
I826. - BETAMETHASONE SODIUM PHOSPHATE+NEOMYCIN SULPHATE 0.1%/0.5% nose drops
I827. - VISTA-METHASONE N nose drops 5mL
I828. - VISTA-METHASONE N nose drops 10mL
I82z. - BETAMETHASONE 0.1% nose drops
I83.. - BUDESONIDE [NOSE]
I831. - RHINOCORT 50micrograms nasal spray
I832. - RHINOCORT AQUA 100micrograms nasal spray
I833. - RHINOCORT AQUA 64micrograms nasal spray
I83x. - BUDESONIDE 64micrograms aqueous nasal spray
I83y. - BUDESONIDE 100micrograms aqueous nasal spray
I83z. - BUDESONIDE 50micrograms nasal spray

I84.. - FLUNISOLIDE
I841. - SYNTARIS 25microgram nasal spray
I84z. - FLUNISOLIDE 25micrograms nasal spray
I85.. - SODIUM CROMOGLICATE [NOSE]
I851. - *RYNACROM 10mg cartridges
I852. - *RYNACROM INSUFFLATOR
I853. - *RYNACROM 2% nose drops 15mL
I854. - *RYNACROM 2% nasal spray 26mL
I855. - RYNACROM COMPOUND nasal spray 26mL
I856. - RYNACROM 4% nasal spray 22mL
I857. - *RESISTON ONE nasal spray
I858. - VIVIDRIN 2% nasal spray
I859. - RYNACROM ALLERGY nasal spray 10mL
I85v. - SODIUM CROMOGLICATE 4% nasal spray
I85w. - SOD CROMOGLYCATE 10mg cartridges
I85x. - SOD CROMOGLYCATE 2% nose drops
I85y. - SODIUM CROMOGLICATE 2% nasal spray
I85z - SODIUM CROMOGLICATE COMPOUND 2% nasal spray
I87.. - AZELASTINE HYDROCHLORIDE
I871. - AZELASTINE 0.1% nasal spray
I872. - RHINOLAST 0.1% nasal spray 10mL
I873. - RHINOLAST 0.1% nasal spray 20mL

I874. - RHINOLAST HAYFEVER 0.1% nasal spray 5mL
I875. - ALLER-EZE 0.1% nasal spray 5mL
I876. - RHINOLAST 0.1% nasal spray 22mL
I877. - RHINOLAST ALLERGY 0.1% nasal spray 5mL
I88.. - FLUTICASONE [NOSE]
I881. - FLUTICASONE PROPIONATE 50micrograms nasal spray
I882. - FLIXONASE 50micrograms nasal spray
I883. - FLIXONASE 400micrograms Nasules
I884. - FLIXONASE ALLERGY 50micrograms nasal spray
I885. - NASOFAN AQUEOUS 50micrograms nasal spray
I886. - AVAMYS 27.5micrograms nasal spray
I887. - FLUTICASONE FUROATE 27.5micrograms nasal spray
I88z. - FLUTICASONE PROPIONATE 400micrograms single-use nasal drops
I8B.. - TRIAMCINOLONE ACETONIDE [NOSE]
I8B1. - TRIAMCINOLONE ACETONIDE 55micrograms aqueous nasal spray
I8B2. - NASACORT 55micrograms aqueous nasal spray
I8D.. - MOMETASONE FUROATE MONOHYDRATE [NOSE]
I8D1. - NASONEX 0.05% aqueous nasal spray
I8Dz. - MOMETASONE FUROATE MONOHYDRATE 0.05% aqueous nasal spray
I8E.. - AZELASTINE HYDROCHLORIDE+FLUTICASONE PROPIONATE
I8E1. - DYMISTA 137micrograms/50micrograms nasal spray
I8E2. - AZELASTINE HCL+FLUTICASONE PROPION 137mcg/50mcg nasal spray

m4s1. - MOMETASONE FUROATE MONOHYDRATE 0.05% aqueous nasal spray
m4s2. - NASONEX 0.04% aqueous nasal spray

Table G: List of Read codes used to define Seasonal Allergic Rhinitis treatment codes

c83.. - BROMPHENIRAMINE MALEATE
c831. - *DIMOTANE 4mg tablets
c832. - *DIMOTANE 2mg/5mL elixir
c833. - *DIMOTANE LA 12mg m/r tablets
c834. - *DIMOTANE PLUS-LA tablets x14
c835. - *DIMOTANE PLUS-LA tablets x56
c83x. - *BROMPHENIRAMINE 4mg tablets
c83y. - BROMPHENIRAMINE 2mg/5mL elixir
c83z. - BROMPHENIRAMINE MALEATE 12mg m/r tablets
c84.. - CHLORPHENAMINE MALEATE
c841. - CHLORPHENAMINE MALEATE 4mg tablets
c842. - *ALUNEX 4mg tablets
c843. - PIRITON 4mg tablets
c844. - *PIRITON 12mg m/r tablets
c845. - PIRITON 2mg/5mL syrup
c846. - *PIRITON 10mg/1mL injection
c847. - POLLENASE ANTIHISTAMINE 4mg tablets
c848. - RHINO-SYRUP ALLERGY 2mg/5mL sugar free syrup

c849. - POLLENASE ALLERGY SYRUP 2mg/5mL sugar free syrup
c84A. - ALLERIEF 2mg/5mL sugar free oral solution
c84B. - VANTAGE ANTIHISTAMINE 4mg tablets
c84C. - HAYLEVE 4mg tablets
c84D. - ALLERGY RELIEF ANTIHISTAMINE 4mg tablets
c84E. - ALLERCALM 4mg tablets
c84v. - CHLORPHENAMINE MALEATE 2mg/5mL sugar free oral solution
c84w. - CHLORPHENAMINE MALEATE 2mg/5mL sugar free syrup
c84x. - CHLORPHENIRAMINE MALEATE 12mg m/r tablets
c84y. - CHLORPHENAMINE MALEATE 2mg/5mL syrup
c84z. - CHLORPHENAMINE MALEATE 10mg/1mL injection
c85.. - CLEMASTINE
c851. - TAVEGIL 1mg tablets
c852. - TAVEGIL 500micrograms/5mL elixir
c853. - *ALLER-EZE tablets
c854. - CLEMASTINE+PHENYLPROPANOLAMINE 0.5mg/25mg tablets
c855. - *ALLER-EZE PLUS tablets
c85y. - CLEMASTINE 1mg tablets
c85z. - CLEMASTINE 500micrograms/5mL elixir
c86.. - CYPROHEPTADINE HYDROCHLORIDE
c861. - PERIACTIN 4mg tablets
c862. - *PERIACTIN 2mg/5mL syrup

c86y. - CYPROHEPTADINE HCL 4mg tablets
c86z. - CYPROHEPTADINE HCL 2mg/5mL syrup
c87.. - DIMETHINDENE MALEATE
c871. - FENOSTIL RETARD 2.5mg m/r tablets
c87z. - DIMETHINDENE MAL 2.5mg m/r tablets
c88.. - DIPHENHYDRAMINE HYDROCHLORIDE [ANTIHISTAMINE]
c881. - *BENADRYL 25mg capsules
c882. - NYTOL 25mg tablets
c883. - DIPHENHYDRAMINE HCL 25mg tablets
c884. - DIPHENHYDRAMINE HYDROCHLORIDE 10mg/5mL syrup
c885. - *MEDINEX 10mg/5mL syrup
c886. - NYTOL ONE-A-NIGHT 50mg tablets
c887. - DIPHENHYDRAMINE HYDROCHLORIDE 50mg tablets
c888. - *NIGHTCALM 25mg tablets
c889. - PAXIDORM 25mg tablets
c88A. - *SLEEPIA 50mg capsules
c88B. - DREEMON 25mg tablets
c88C. - *DREEMON 10mg/5mL syrup
c88D. - HISTERGAN 10mg/5mL syrup
c88E. - HISTERGAN 25mg tablets
c88F. - MANDALYN PAEDIATRIC 6.25mg/5mL syrup
c88G. - VANTAGE PHARMACY SLEEP AID 50mg tablets

c88H. - CARE NIGHT TIME SLEEP AID 25mg tablets
c88I. - GALPHARM ONE A NIGHT NIGHTCALM 50mg tablets
c88x. - DIPHENHYDRAMINE HYDROCHLORIDE 6.25mg/5mL syrup
c88y. - DIPHENHYDRAMINE HYDROCHLORIDE 50mg capsules
c88z. - DIPHENHYDRAMINE HYDROCHLORIDE 25mg capsules
c89.. - DIPHENYLPYRALINE HYDROCHLORIDE
c891. - HISTRYL SPANSULE 5mg m/r capsules
c892. - HISTRYL PAEDIATRIC SPANSULE 2.5mg m/r capsules
c893. - *LERGOBAN 5mg m/r tablets
c89x. - DIPHENYLPYRALINE 5mg m/r capsules
c89y. - DIPHENYLPYRALINE 2.5mg m/r capsules
c89z. - DIPHENYLPYRALINE 5mg m/r tablets
c8a.. - HYDROXYZINE HYDROCHLORIDE [ANTIHISTAMINE]
c8b.. - KETOTIFEN [ANTIHISTAMINE]
c8c.. - MEBHYDROLIN
c8c1. - *FABAHISTIN 50mg tablets
c8c2. - *FABAHISTIN 50mg/5mL mixture
c8cy. - *MEBHYDROLIN 50mg tablets
c8cz. - *MEBHYDROLIN 50mg/5mL mixture
c8d.. - MEPYRAMINE MALEATE [ANTIHISTAMINE]
c8d1. - *ANTHISAN 50mg tablets
c8dz. - MEPYRAMINE MALEATE 50mg tablets

c8e.. - MEQUITAZINE
c8e1. - *PRIMALAN 5mg tablets
c8ez. - *MEQUITAZINE 5mg tablets
c8f.. - OXATOMIDE
c8f1. - *TINSET 30mg tablets
c8fz. - *OXATOMIDE 30mg tablets
c8g.. - PHENINDAMINE TARTRATE
c8g1. - *THEPHORIN 25mg tablets
c8gz. - PHENINDAMINE TARTRATE 25mg tablets
c8h.. - PHENIRAMINE MALEATE
c8h1. - *DANERAL SA 75mg m/r tablets
c8hz. - *PHENIRAMINE 75mg m/r tablets
c8i.. - PROMETHAZINE HYDROCHLORIDE [ANTIHISTAMINE]
c8i1. - PHENERGAN 10mg tablets
c8i2. - PHENERGAN 25mg tablets
c8i3. - PHENERGAN 5mg/5mL elixir
c8i4. - PHENERGAN 25mg/1mL injection
c8i5. - *PHENERGAN 50mg/2mL injection
c8i6. - PHENERGAN NIGHTTIME 25mg tablets
c8i8. - ZIZ FORTE 25mg tablets
c8i9. - SOMINEX 20mg tablets
c8iu. - PROMETHAZINE 20mg tablets

c8iv. - PROMETHAZINE 10mg tablets
c8iw. - PROMETHAZINE 25mg tablets
c8ix. - PROMETHAZINE 5mg/5mL elixir
c8iy. - PROMETHAZINE 25mg/1mL injection
c8iz. - PROMETHAZINE 50mg/2mL injection
c8j.. - TERFENADINE
c8j1. - *TRILUDAN 60mg tablets
c8j2. - *TRILUDAN 30mg/5mL suspension
c8j3. - *TRILUDAN FORTE 120mg tablets
c8j4. - TRILUDAN 30mg/5mL sugar free suspension
c8j5. - *TERFENADINE 120mg tablets
c8j6. - *HISTAFEN 60mg tablets
c8j7. - *TERFINAX 60mg tablets
c8j8. - ANTIHISTAMINE FORTE 120mg tablets
c8j9. - *HISTAFEN 120mg tablets
c8jA. - *TERFENADINE 30mg tablets
c8jB. - *TERFENOR 30mg tablets
c8jC. - *TERFENOR FORTE 120mg tablets
c8jD. - *ANTI HISTAMINE 60mg tablets
c8jE. - *TERFINAX 120mg tablets
c8jF. - *ALLER-EZE CLEAR tablets
c8jy. - *TERFENADINE 60mg tablets

c8jz. - TERFENADINE 30mg/5mL sugar free suspension
c8k.. - ALIMEMAZINE TARTRATE [ANTIHISTAMINE]
c8kx. - ALIMEMAZINE 10mg tablets
c8ky. - ALIMEMAZINE 7.5mg/5mL syrup
c8kz. - ALIMEMAZINE 30mg/5mL syrup
c8l.. - TRIPROLIDINE HYDROCHLORIDE
c8l1. - *ACTIDIL 2.5mg tablets
c8l2. - *ACTIDIL 2mg/5mL elixir
c8l3. - *PRO-ACTIDIL 10mg m/r tablets
c8lx. - *TRIPROLIDINE 2.5mg tablets
c8ly. - *TRIPROLIDINE 2mg/5mL elixir
c8lz. - *TRIPROLIDINE 10mg m/r tablets
c8m.. - ACRIVASTINE
c8m1. - ACRIVASTINE 8mg capsules
c8m2. - *SEMPREX 8mg capsules
c8m3. - BENADRYL ALLERGY RELIEF 8mg capsules
c8n.. - CETIRIZINE DIHYDROCHLORIDE
c8n1. - CETIRIZINE 10mg tablets
c8n2. - ZIRTEK 10mg tablets
c8n3. - CETIRIZINE 1mg/1mL sugar free liquid
c8n4. - ZIRTEK 1mg/1mL sugar free liquid
c8n5. - *CETIROCOL 10mg tablets

c8n6. - PIRITEZE 10mg tablets
c8n8. - GALPHARM HAYFEVER AND ALLERGY RELIEF tablets
c8n9. - *ZIRTEK ALLERGY 10mg tablets
c8nA. - ZIRTEK ALLERGY RELIEF 10mg tablets
c8nB. - BENADRYL ONE A DAY 10mg tablets
c8nC. - CETIRIZINE 10MG ALLERGY RELIEF ONE A DAY tablets
c8nD. - CARE CETIRIZINE HAYFEVER RELIEF 10mg tablets
c8nE. - BENADRYL ALLERGY 1mg/mL sugar free oral solution
c8nF. - ZIRTEK ALLERGY 1mg/mL sugar free oral solution
c8nG. - NUMARK HAYFEVER AND ALLERGY RELIEF 10mg tablets
c8nH. - PIRITEZE ALLERGY SYRUP 1mg/1mL oral solution
c8nI. - GALPHARM ALLERGY RELIEF 1mg/1mL s/f oral solution
c8nJ. - VANTAGE PHARMACY HAYFEVER AND ALLERGY RELIEF 10mg tablets
c8nK. - POLLENSHIELD HAYFEVER RELIEF 10mg tablets
c8nL. - BENADRYL ALLERGY LIQUID RELEASE 10mg capsules
c8nM. - CETIRIZINE 10mg capsules
c8o.. - LORATADINE
c8o1. - LORATADINE 10mg tablets
c8o2. - *CLARITYN 10mg tablets
c8o3. - LORATADINE 5mg/5mL syrup
c8o4. - *CLARITYN 5mg/5mL syrup
c8o5. - CLARITYN ALLERGY 5mg/5mL syrup

c8o6. - CLARITYN ALLERGY 10mg tablets
c8o7. - GALPHARM NON-DROWSY ALLERGY RELIEF 10mg tablets
c8o8. - NUMARK NON-DROWSY ALLERGY RELIEF 10mg tablets
c8o9. - GALPHARM NON-DROWSY HAYFEVER&ALLERGY RELIEF 10mg tablets
c8oA. - GALPHARM NON-DROWSY ALLERGY RELIEF 5mg/5mL syrup
c8oB. - VANTAGE PHARMACY NON-DROWSY ALLERGY RELIEF 10mg tablets
c8oC. - VANTAGE PHARMACY NON-DROWSY ALLERGY RELIEF 5mg/5mL syrup
c8p.. - FEXOFENADINE
c8p1. - FEXOFENADINE HYDROCHLORIDE 120mg tablets
c8p2. - TELFAST 120 tablets
c8p3. - FEXOFENADINE HYDROCHLORIDE 180mg tablets
c8p4. - TELFAST 180 tablets
c8p5. - FEXOFENADINE HYDROCHLORIDE 30mg tablets
c8p6. - TELFAST 30 tablets
c8q.. - MIZOLASTINE
c8q1. - MIZOLASTINE 10mg m/r tablets
c8q2. - MIZOLLEN 10mg m/r tablets
c8q3. - *MISTAMINE 10mg m/r tablets
c8r.. - DESLORATADINE
c8r1. - NEOCLARITYN 5mg tablets
c8r2. - *NEOCLARITYN 0.5mg/mL syrup
c8r3. - NEOCLARITYN 2.5mg/5mL oral solution

c8rx. - DESLORATADINE 2.5mg/5mL oral solution
c8ry. - *DESLORATADINE 0.5mg/mL syrup
c8rz. - DESLORATADINE 5mg tablets
c8s.. - LEVOCETIRIZINE
c8s1. - XYZAL 5mg tablets
c8s2. - XYZAL 500micrograms/mL oral solution
c8sy. - LEVOCETIRIZINE DIHYDROCHLORIDE 500micrograms/mL oral solution
c8sz. - LEVOCETIRIZINE DIHYDROCHLORIDE 5mg tablets
c8u.. - RUPATADINE
c8u1. - RUPAFIN 10mg tablets
c8uz. - RUPATADINE 10mg tablets
c8v.. - BILASTINE
c8v1. - ILAXTEN 20mg tablets
c8v2. - BILASTINE 20mg tablets
d28.. - HYDROXYZINE HCL [ANXIOLYTIC]
d281. - ATARAX 10mg tablets
d282. - ATARAX 25mg tablets
d283. - *ATARAX 10mg/5mL syrup
d284. - UCERAX 25mg tablets
d285. - UCERAX 10mg/5mL syrup
d28x. - HYDROXYZINE HCL 10mg tablets
d28y. - HYDROXYZINE HCL 25mg tablets

d28z. - HYDROXYZINE HCL 10mg/5mL syrup
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Table H: List of Read codes used to define Seasonal Allergic Rhinitis treatment codes

c8t.. - EPINASTINE
c8t1. - RELESTAT 0.5mg/mL eye drops 5mL
c8tz. - EPINASTINE HYDROCHLORIDE 0.5mg/mL eye drops
k61.. - ANTAZOLINE SALTS
k611. - OTRIVINE-ANTISTIN eye drops 10mL
k612. - *VASOCON A eye drops 10mL
k69.. - SODIUM CROMOGLICATE [EYE]
k691. - *OPTICROM eye drops 5mL
k692. - *OPTICROM 4% eye ointment 5g
k693. - OPTICROM AQUEOUS 2% eye drops 13.5mL
k694. - OPTICROM VISCOUS eye drops 5mL
k695. - HAY-CROM AQUEOUS 2% eye drops
k696. - VIVIDRIN 2% eye drops
k697. - *CUSILYN 2% eye drops
k698. - *VIZ-ON 2% eye drops
k699. - HAY-CROM HAY FEVER 2% eye drops 10mL
k69A. - HAY-CROM HAY FEVER 2% eye drops 13.5mL
k69B. - DOMINION PHARMA HAYFEVER eye drops 10mL
k69C. - CLARITYN ALLERGY 2% eye drops 10mL

k69D. - *VIVICROM 2% eye drops
k69E. - OPTREX ALLERGY eye drops 10mL
k69F. - POLLENASE ALLERGY 2% eye drops 10mL
k69G. - GALPHARM ALLERGY 2% eye drops 10mL
k69H. - CROMOLUX HAYFEVER 2% eye drops 10mL
k69I. - CROMOLUX 2% eye drops 13.5mL
k69J. - OPTICROM ALLERGY 2% eye drops 5mL
k69K. - OPTICROM ALLERGY 2% eye drops 10mL
k69L. - CATACROM 2% single-use eye drops 0.3mL
k69M. - ALLERCROM 2% eye drops 10mL
k69N. - OPTICROM ALLERGY 2% p/f single use eye drops 0.3mL
k69x. - SODIUM CROMOGLICATE 2% single-use eye drops
k69y. - SODIUM CROMOGLICATE 2% eye drops
k69z. - SODIUM CROMOGLYCATE 4% eye ointment
k6b.. - LODOXAMIDE [EYE]
k6b1. - LODOXAMIDE 0.1% eye drops
k6b2. - ALOMIDE 0.1% eye drops 10mL
k6b3. - ALOMIDE ALLERGY 0.1% eye drops 5mL
k6e.. - NEDOCROMIL SODIUM [EYE]
k6e1. - NEDOCROMIL SODIUM 2% eye drops
k6h.. - AZELASTINE HYDROCHLORIDE [EYE]
k6h1. - AZELASTINE HYDROCHLORIDE 0.05% eye drops

k6h2. - *OPTILAST 0.05% eye drops 6mL
k6h3. - *ALLER-EZE 0.05% eye drops 6mL
k6h4. - OPTILAST 0.05% eye drops 8mL
k6i.. - EMEDASTINE [EYE]
k6i1. - EMADINE 0.05% eye drops 5mL
k6iz. - EMEDASTINE 0.05% eye drops
k6k.. - KETOTIFEN [EYE]
k6k1. - KETOTIFEN 250micrograms/mL eye drops
k6k2. - ZADITEN 250micrograms/mL eye drops 5mL
k6l.. - OLOPATADINE [EYE]
k6l1. - OLOPATADINE 1mg/mL eye drops
k6l2. - OPATANOL 1mg/mL eye drops 5mL
k68.. - PREDNISOLONE SOD PHOS [EYE]
k681. - MINIMS PREDNISOLONE 0.5% single-use eye drops 0.5mL
k682. - *PREDSOL 0.5% eye drops 5mL
k683. - PREDSOL 0.5% eye drops 10mL
k684. - *PREDSOL N eye drops 10mL
k68y. - *PREDNISOLONE eye drops
k68z. - PREDNISOLONE 0.5% eye drops
k6a.. - PREDNISOLONE ACETATE [EYE]
k6a1. - PREDNISOLONE ACET 1% eye drops 5mL
k6a2. - PREDNISOLONE ACET 1% eye drops 10mL

k6a3. - PRED FORTE 1% eye drops 5mL
k6a4. - PRED FORTE 1% eye drops 10mL

Table I: List of Read codes used to define Seasonal Allergic Rhinitis treatment codes

ci... - SYSTEMIC NASAL DECONGESTANTS
ci1.. - EPHEDRINE SYSTEMIC DECONGESTANTS
ci11. - ACTIFED tablets
ci12. - ACTIFED syrup
ci13. - *BENYLIN decongestant syrup
ci14. - *DIMOTANE PLUS elixir
ci15. - DIMOTANE PLUS paediatric elixir
ci16. - *DIMOTAPP elixir
ci17. - *DIMOTAPP paediatric elixir
ci18. - *DIMOTAPP LA m/r tablets
ci19. - *ESKORNADE m/r capsules
ci1A. - GALPSEUD PLUS linctus
ci1B. - *ADVIL COLD AND SINUS tablets
ci1C. - BENADRYL PLUS capsules
ci1D. - PSEUDOEPHEDRINE HYDROCHLORIDE 120mg m/r capsules
ci1E. - CONTAC NON DROWSY 12 HOUR RELIEF 120mg m/r capsules
ci1F. - NON-DROWSY SUDAFED DECONGESTANT ELIXIR 30mg/5mL oral liquid
ci1G. - GALSUD 60mg tablets

ci1H. - GALSUD 30mg/5mL linctus
ci1I. - COVONIA COLD & FLU FORMULA solution
ci1J. - GALPHARM FLU STRENGTH ALL IN ONE s/f oral solution
ci1a. - *ESKORNADE syrup
ci1b. - EXPULIN decongestant paediatric linctus
ci1c. - GALPSEUD 60mg tablets
ci1d. - GALPSEUD 30mg/5mL linctus
ci1e. - HAYMINE m/r tablets
ci1f. - SUDAFED 60mg tablets
ci1g. - SUDAFED elixir
ci1h. - *SUDAFED SA 120mg m/r capsules
ci1i. - SUDAFED-CO tablets
ci1j. - *TRIOGESIC tablets
ci1k. - *TRIOGESIC elixir
ci1l. - *TRIOMINIC tablets
ci1m. - *TRIOMINIC syrup
ci1n. - UNIFLU PLUS GREGOVITE C tablets 2x6
ci1o. - UNIFLU PLUS GREGOVITE C tablets 2x12
ci1p. - SUDAFED PLUS 60mg/2.5mg tablets
ci1q. - SUDAFED PLUS 30mg/1.25mg/5mL syrup
ci1r. - *CONGESTENZE 120mg/1mg tablets
ci1s. - *CONGESTENZE syrup 5mL

ci1t. - *CONGESTEZE paediatric syrup
ci1u. - MELTUS DECONGESTANT oral solution
ci1w. - PSEUDOEPHEDRINE HCL 60mg tablets
ci1x. - PSEUDOEPHEDRINE HCL 120mg m/r tablets
ci1y. - SUDAFED 12 HOUR RELIEF 120mg m/r tablets
ci1z. - PSEUDOEPHEDRINE HCL 30mg/5mL elixir
I9... - TOPICAL NASAL DECONGESTANTS
I91.. - EPHEDRINE HYDROCHLORIDE [NOSE]
I911. - EPHEDRINE 0.5% nose drops
I912. - EPHEDRINE 1% nose drops
I92.. - OXYMETAZOLINE HYDROCHLORIDE
I921. - *AFRAZINE nose drops 15mL
I922. - *AFRAZINE PAED nose drops 15mL
I923. - AFRAZINE 0.05% nasal spray 15mL
I924. - *ILIADIN MINI 0.05% nose drops
I925. - ILIADIN MINI PAEDIATRIC 0.025% nose drops
I926. - SUDAFED 0.05% nasal spray
I927. - DECONGESTANT 0.05% nasal spray 22mL
I928. - NASIVIN 0.05% nasal spray 10mL
I929. - LEMSIP MAX SINUS ALL NIGHT DECONGESTANT 0.05% nasal spray 15mL
I92v. - OXYMETAZOLINE 0.5mg/mL nose drops
I92w. - OXYMETAZOLINE 250micrograms/mL nose drops

I92x. - OXYMETAZOLINE 500microgram/mL nasal spray
I92y. - OXYMETAZOLINE 0.05% nasal spray
I92z. - *OXYMETAZOLINE nose drops
I93.. - PHENYLEPHRINE HYDROCHLORIDE [NOSE]
I931. - *NEOPHRYN 0.25% nose drops
I932. - *NEOPHRYN 0.5% nasal spray
I933. - FENOX 0.5% nose drops 15mL
I934. - FENOX 0.5% nasal spray 15mL
I93x. - PHENYLEPHRINE HYDROCHLORIDE 0.5% nose drops
I93y. - PHENYLEPHRINE 0.25% nose drops
I93z. - PHENYLEPHRINE 0.5% nasal spray
I94.. - XYLOMETAZOLINE HYDROCHLORIDE
I941. - XYLOMETAZOLINE 0.1% nose drops
I942. - XYLOMETAZOLINE PAED nose drops
I943. - OTRIVINE 0.1% nose drops 10mL
I944. - OTRIVINE PAEDIATRIC nose drops 10mL
I945. - OTRIVINE 0.1% nasal spray 10mL
I946. - NAZO-MIST 0.1% nasal spray 10mL
I947. - ADULT'S DECONGESTANT 0.1% nasal drops 10mL
I948. - CHILDREN'S DECONGESTANT 0.05% nasal drops 10mL
I949. - OTRADROPS ADULT FORMULA 0.1% nasal drops 10mL
I94A. - OTRADROPS CHILD FORMULA 0.05% nasal drops 10mL

I94B. - OTRASPRAY ADULT FORMULA 0.1% nasal spray 10mL
I94w. - *XYLOMETAZOLINE nose drops
I94x. - XYLOMETAZOLINE 0.1% nose drops
I94y. - XYLOMETAZOLINE 0.05% nose drops
I94z. - XYLOMETAZOLINE 0.1% nasal spray 10mL
I95.. - *COMPOUND NASAL DECONGESTANTS
I951. - *HAYPHYRYN nasal spray
I952. - *OTRIVINE ANTISTIN nose drops
I953. - *OTRIVINE ANTISTIN nasal spray

Table J: List of Read codes used to define Oral Antihistamines

c83.. - BROMPHENIRAMINE MALEATE
c831. - *DIMOTANE 4mg tablets
c832. - *DIMOTANE 2mg/5mL elixir
c833. - *DIMOTANE LA 12mg m/r tablets
c834. - *DIMOTANE PLUS-LA tablets x14
c835. - *DIMOTANE PLUS-LA tablets x56
c83x. - *BROMPHENIRAMINE 4mg tablets
c83y. - BROMPHENIRAMINE 2mg/5mL elixir
c83z. - BROMPHENIRAMINE MALEATE 12mg m/r tablets
c841. - CHLORPHENAMINE MALEATE 4mg tablets
c842. - *ALUNEX 4mg tablets

c843. - PIRITON 4mg tablets
c844. - *PIRITON 12mg m/r tablets
c845. - PIRITON 2mg/5mL syrup
c847. - POLLENASE ANTIHISTAMINE 4mg tablets
c848. - RHINO-SYRUP ALLERGY 2mg/5mL sugar free syrup
c849. - POLLENASE ALLERGY SYRUP 2mg/5mL sugar free syrup
c84A. - ALLERIEF 2mg/5mL sugar free oral solution
c84B. - VANTAGE ANTIHISTAMINE 4mg tablets
c84C. - HAYLEVE 4mg tablets
c84D. - ALLERGY RELIEF ANTIHISTAMINE 4mg tablets
c84E. - ALLERCALM 4mg tablets
c84v. - CHLORPHENAMINE MALEATE 2mg/5mL sugar free oral solution
c84w. - CHLORPHENAMINE MALEATE 2mg/5mL sugar free syrup
c84x. - CHLORPHENIRAMINE MALEATE 12mg m/r tablets
c84y. - CHLORPHENAMINE MALEATE 2mg/5mL syrup
c85.. - CLEMASTINE
c851. - TAVEGIL 1mg tablets
c852. - TAVEGIL 500micrograms/5mL elixir
c853. - *ALLER-EZE tablets
c854. - CLEMASTINE+PHENYLPROPANOLAMINE 0.5mg/25mg tablets
c855. - *ALLER-EZE PLUS tablets
c85y. - CLEMASTINE 1mg tablets

c85z. - CLEMASTINE 500micrograms/5mL elixir
c86.. - CYPROHEPTADINE HYDROCHLORIDE
c861. - PERIACTIN 4mg tablets
c862. - *PERIACTIN 2mg/5mL syrup
c86y. - CYPROHEPTADINE HCL 4mg tablets
c86z. - CYPROHEPTADINE HCL 2mg/5mL syrup
c87.. - DIMETHINDENE MALEATE
c871. - FENOSTIL RETARD 2.5mg m/r tablets
c87z. - DIMETHINDENE MAL 2.5mg m/r tablets
c88.. - DIPHENHYDRAMINE HYDROCHLORIDE [ANTIHISTAMINE]
c881. - *BENADRYL 25mg capsules
c882. - NYTOL 25mg tablets
c883. - DIPHENHYDRAMINE HCL 25mg tablets
c884. - DIPHENHYDRAMINE HYDROCHLORIDE 10mg/5mL syrup
c885. - *MEDINEX 10mg/5mL syrup
c886. - NYTOL ONE-A-NIGHT 50mg tablets
c887. - DIPHENHYDRAMINE HYDROCHLORIDE 50mg tablets
c888. - *NIGHTCALM 25mg tablets
c889. - PAXIDORM 25mg tablets
c88A. - *SLEEPIA 50mg capsules
c88B. - DREEMON 25mg tablets
c88C. - *DREEMON 10mg/5mL syrup

c88D. - HISTERGAN 10mg/5mL syrup
c88E. - HISTERGAN 25mg tablets
c88F. - MANDALYN PAEDIATRIC 6.25mg/5mL syrup
c88G. - VANTAGE PHARMACY SLEEP AID 50mg tablets
c88H. - CARE NIGHT TIME SLEEP AID 25mg tablets
c88I. - GALPHARM ONE A NIGHT NIGHTCALM 50mg tablets
c88x. - DIPHENHYDRAMINE HYDROCHLORIDE 6.25mg/5mL syrup
c88y. - DIPHENHYDRAMINE HYDROCHLORIDE 50mg capsules
c88z. - DIPHENHYDRAMINE HYDROCHLORIDE 25mg capsules
c89.. - DIPHENYLPYRALINE HYDROCHLORIDE
c891. - HISTRYL SPANSULE 5mg m/r capsules
c892. - HISTRYL PAEDIATRIC SPANSULE 2.5mg m/r capsules
c893. - *LERGOBAN 5mg m/r tablets
c89x. - DIPHENYLPYRALINE 5mg m/r capsules
c89y. - DIPHENYLPYRALINE 2.5mg m/r capsules
c89z. - DIPHENYLPYRALINE 5mg m/r tablets
c8a.. - HYDROXYZINE HYDROCHLORIDE [ANTIHISTAMINE]
c8b.. - KETOTIFEN [ANTIHISTAMINE]
c8c.. - MEBHYDROLIN
c8c1. - *FABAHISTIN 50mg tablets
c8c2. - *FABAHISTIN 50mg/5mL mixture
c8cy. - *MEBHYDROLIN 50mg tablets

c8cz. - *MEBHYDROLIN 50mg/5mL mixture
c8d.. - MEPYRAMINE MALEATE [ANTI HISTAMINE]
c8d1. - *ANTHISAN 50mg tablets
c8dz. - MEPYRAMINE MALEATE 50mg tablets
c8e.. - MEQUITAZINE
c8e1. - *PRIMALAN 5mg tablets
c8ez. - *MEQUITAZINE 5mg tablets
c8f.. - OXATOMIDE
c8f1. - *TINSET 30mg tablets
c8fz. - *OXATOMIDE 30mg tablets
c8g.. - PHENINDAMINE TARTRATE
c8g1. - *THEPHORIN 25mg tablets
c8gz. - PHENINDAMINE TARTRATE 25mg tablets
c8h.. - PHENIRAMINE MALEATE
c8h1. - *DANERL SA 75mg m/r tablets
c8hz. - *PHENIRAMINE 75mg m/r tablets
c8i1. - PHENERGAN 10mg tablets
c8i2. - PHENERGAN 25mg tablets
c8i3. - PHENERGAN 5mg/5mL elixir
c8i6. - PHENERGAN NIGHTIME 25mg tablets
c8i8. - ZIZ FORTE 25mg tablets
c8i9. - SOMINEX 20mg tablets

c8iu. - PROMETHAZINE 20mg tablets
c8iv. - PROMETHAZINE 10mg tablets
c8iw. - PROMETHAZINE 25mg tablets
c8ix. - PROMETHAZINE 5mg/5mL elixir
c8j.. - TERFENADINE
c8j1. - *TRILUDAN 60mg tablets
c8j2. - *TRILUDAN 30mg/5mL suspension
c8j3. - *TRILUDAN FORTE 120mg tablets
c8j4. - TRILUDAN 30mg/5mL sugar free suspension
c8j5. - *TERFENADINE 120mg tablets
c8j6. - *HISTAFEN 60mg tablets
c8j7. - *TERFINAX 60mg tablets
c8j8. - ANTIHISTAMINE FORTE 120mg tablets
c8j9. - *HISTAFEN 120mg tablets
c8jA. - *TERFENADINE 30mg tablets
c8jB. - *TERFENOR 30mg tablets
c8jC. - *TERFENOR FORTE 120mg tablets
c8jD. - *ANTIHISTAMINE 60mg tablets
c8jE. - *TERFINAX 120mg tablets
c8jF. - *ALLER-EZE CLEAR tablets
c8jy. - *TERFENADINE 60mg tablets
c8jz. - TERFENADINE 30mg/5mL sugar free suspension

c8k.. - ALIMEMAZINE TARTRATE [ANTIHISTAMINE]
c8kx. - ALIMEMAZINE 10mg tablets
c8ky. - ALIMEMAZINE 7.5mg/5mL syrup
c8kz. - ALIMEMAZINE 30mg/5mL syrup
c8l.. - TRIPROLIDINE HYDROCHLORIDE
c8l1. - *ACTIDIL 2.5mg tablets
c8l2. - *ACTIDIL 2mg/5mL elixir
c8l3. - *PRO-ACTIDIL 10mg m/r tablets
c8lx. - *TRIPROLIDINE 2.5mg tablets
c8ly. - *TRIPROLIDINE 2mg/5mL elixir
c8lz. - *TRIPROLIDINE 10mg m/r tablets
c8m.. - ACRIVASTINE
c8m1. - ACRIVASTINE 8mg capsules
c8m2. - *SEMPREX 8mg capsules
c8m3. - BENADRYL ALLERGY RELIEF 8mg capsules
c8n.. - CETIRIZINE DIHYDROCHLORIDE
c8n1. - CETIRIZINE 10mg tablets
c8n2. - ZIRTEK 10mg tablets
c8n3. - CETIRIZINE 1mg/1mL sugar free liquid
c8n4. - ZIRTEK 1mg/1mL sugar free liquid
c8n5. - *CETIROCOL 10mg tablets
c8n6. - PIRITEZE 10mg tablets

c8n8. - GALPHARM HAYFEVER AND ALLERGY RELIEF tablets
c8n9. - *ZIRTEK ALLERGY 10mg tablets
c8nA. - ZIRTEK ALLERGY RELIEF 10mg tablets
c8nB. - BENADRYL ONE A DAY 10mg tablets
c8nC. - CETIRIZINE 10MG ALLERGY RELIEF ONE A DAY tablets
c8nD. - CARE CETIRIZINE HAYFEVER RELIEF 10mg tablets
c8nE. - BENADRYL ALLERGY 1mg/mL sugar free oral solution
c8nF. - ZIRTEK ALLERGY 1mg/mL sugar free oral solution
c8nG. - NUMARK HAYFEVER AND ALLERGY RELIEF 10mg tablets
c8nH. - PIRITEZE ALLERGY SYRUP 1mg/1mL oral solution
c8nI. - GALPHARM ALLERGY RELIEF 1mg/1mL s/f oral solution
c8nJ. - VANTAGE PHARMACY HAYFEVER AND ALLERGY RELIEF 10mg tablets
c8nK. - POLLENSHIELD HAYFEVER RELIEF 10mg tablets
c8nL. - BENADRYL ALLERGY LIQUID RELEASE 10mg capsules
c8nM. - CETIRIZINE 10mg capsules
c8o.. - LORATADINE
c8o1. - LORATADINE 10mg tablets
c8o2. - *CLARITYN 10mg tablets
c8o3. - LORATADINE 5mg/5mL syrup
c8o4. - *CLARITYN 5mg/5mL syrup
c8o5. - CLARITYN ALLERGY 5mg/5mL syrup
c8o6. - CLARITYN ALLERGY 10mg tablets

c8o7. - GALPHARM NON-DROWSY ALLERGY RELIEF 10mg tablets
c8o8. - NUMARK NON-DROWSY ALLERGY RELIEF 10mg tablets
c8o9. - GALPHARM NON-DROWSY HAYFEVER&ALLERGY RELIEF 10mg tablets
c8oA. - GALPHARM NON-DROWSY ALLERGY RELIEF 5mg/5mL syrup
c8oB. - VANTAGE PHARMACY NON-DROWSY ALLERGY RELIEF 10mg tablets
c8oC. - VANTAGE PHARMACY NON-DROWSY ALLERGY RELIEF 5mg/5mL syrup
c8p.. - FEXOFENADINE
c8p1. - FEXOFENADINE HYDROCHLORIDE 120mg tablets
c8p2. - TELFAST 120 tablets
c8p3. - FEXOFENADINE HYDROCHLORIDE 180mg tablets
c8p4. - TELFAST 180 tablets
c8p5. - FEXOFENADINE HYDROCHLORIDE 30mg tablets
c8p6. - TELFAST 30 tablets
c8q.. - MIZOLASTINE
c8q1. - MIZOLASTINE 10mg m/r tablets
c8q2. - MIZOLLEN 10mg m/r tablets
c8q3. - *MISTAMINE 10mg m/r tablets
c8r.. - DESLORATADINE
c8r1. - NEOCLARITYN 5mg tablets
c8r2. - *NEOCLARITYN 0.5mg/mL syrup
c8r3. - NEOCLARITYN 2.5mg/5mL oral solution
c8rx. - DESLORATADINE 2.5mg/5mL oral solution

c8ry. - *DES Loratadine 0.5mg/mL syrup
c8rz. - Desloratadine 5mg tablets
c8s.. - Levocetirizine
c8s1. - Xyzal 5mg tablets
c8s2. - Xyzal 500micrograms/mL oral solution
c8sy. - Levocetirizine Dihydrochloride 500micrograms/mL oral solution
c8sz. - Levocetirizine Dihydrochloride 5mg tablets
c8u.. - Rupatadine
c8u1. - Rupafin 10mg tablets
c8uz. - Rupatadine 10mg tablets
c8v.. - Bilastine
c8v1. - Ilaxten 20mg tablets
c8v2. - Bilastine 20mg tablets
d28.. - Hydroxyzine HCL [Anxiolytic]
d281. - Atarax 10mg tablets
d282. - Atarax 25mg tablets
d283. - *Atarax 10mg/5mL syrup
d284. - Ucerax 25mg tablets
d285. - Ucerax 10mg/5mL syrup
d28x. - Hydroxyzine HCL 10mg tablets
d28y. - Hydroxyzine HCL 25mg tablets
d28z. - Hydroxyzine HCL 10mg/5mL syrup

Table K: List of Read codes used to define Nasal Corticosteroids only

I81.. - BECLOMETASONE DIPROPIONATE [NOSE]
I811. - BECONASE 50micrograms nasal spray
I812. - BECONASE AQUEOUS 50microgram nasal spray
I813. - ZONIVENT AQUANASAL 50micrograms spray
I814. - BECONASE HAYFEVER 50micrograms aqueous nasal spray
I815. - NASOBEC AQUEOUS 50micrograms nasal spray
I816. - NASOBEC HAYFEVER 50micrograms nasal spray
I817. - *BECLO-AQUA 50 nasal spray
I818. - BECLOMIST 50micrograms nasal spray
I819. - VIVABEC 50micrograms nasal spray
I81a. - CARE HAYFEVER RELIEF 50micrograms nasal spray
I81b. - RINO CLENIL 50micrograms nasal spray
I81c. - POLLENASE 50micrograms nasal spray
I81d. - VANTAGE HAYFEVER RELIEF 50micrograms nasal spray
I81e. - BECONASE HAYFEVER RELIEF FOR ADULTS 50micrograms nasal spray
I81y. - BECLOMETHASONE 50micrograms nasal spray
I81z. - BECLOMETASONE 50micrograms aqueous nasal spray
I82.. - BETAMETHASONE SOD PHOSPHATE [NOSE]
I821. - *BETNESOL nose drops 5mL
I822. - BETNESOL 0.1% nose drops 10mL
I823. - VISTA-METHASONE 0.1% nose drops 5mL

I824. - VISTA-METHASONE 0.1% nose drops 10mL
I825. - BETNESOL-N nose drops 10mL
I826. - BETAMETHASONE SODIUM PHOSPHATE+NEOMYCIN SULPHATE 0.1%/0.5% nose drops
I827. - VISTA-METHASONE N nose drops 5mL
I828. - VISTA-METHASONE N nose drops 10mL
I82z. - BETAMETHASONE 0.1% nose drops
I83.. - BUDESONIDE [NOSE]
I831. - RHINOCORT 50micrograms nasal spray
I832. - RHINOCORT AQUA 100micrograms nasal spray
I833. - RHINOCORT AQUA 64micrograms nasal spray
I83x. - BUDESONIDE 64micrograms aqueous nasal spray
I83y. - BUDESONIDE 100micrograms aqueous nasal spray
I83z. - BUDESONIDE 50micrograms nasal spray
I84.. - FLUNISOLIDE
I841. - SYNTARIS 25microgram nasal spray
I84z. - FLUNISOLIDE 25micrograms nasal spray
I88.. - FLUTICASONE [NOSE]
I881. - FLUTICASONE PROPIONATE 50micrograms nasal spray
I882. - FLIXONASE 50micrograms nasal spray
I883. - FLIXONASE 400micrograms Nasules
I884. - FLIXONASE ALLERGY 50micrograms nasal spray
I885. - NASOFAN AQUEOUS 50micrograms nasal spray

I886. - AVAMYS 27.5micrograms nasal spray
I887. - FLUTICASONE FUROATE 27.5micrograms nasal spray
I88z. - FLUTICASONE PROPIONATE 400micrograms single-use nasal drops
I8B.. - TRIAMCINOLONE ACETONIDE [NOSE]
I8B1. - TRIAMCINOLONE ACETONIDE 55micrograms aqueous nasal spray
I8B2. - NASACORT 55micrograms aqueous nasal spray
I8D.. - MOMETASONE FUROATE MONOHYDRATE [NOSE]
I8D1. - NASONEX 0.05% aqueous nasal spray
I8Dz. - MOMETASONE FUROATE MONOHYDRATE 0.05% aqueous nasal spray
m4s1. - MOMETASONE FUROATE MONOHYDRATE 0.05% aqueous nasal spray
m4s2. - NASONEX 0.04% aqueous nasal spray

Table L: List of Read codes used to define Cystic Fibrosis

C370. - Cystic fibrosis
C3700 - Cystic fibrosis with no meconium ileus
C3701 - Cystic fibrosis with meconium ileus
C3702 - Cystic fibrosis with pulmonary manifestations
C3703 - Cystic fibrosis with intestinal manifestations
C3704 - Arthropathy in cystic fibrosis
C3705 - Cystic fibrosis with distal intestinal obstruction syndrome
C3707 - Liver disease due to cystic fibrosis
C3708 - Cystic fibrosis related cirrhosis
C3709 - Exacerbation of cystic fibrosis
C370y - Cystic fibrosis with other manifestations

C370z - Cystic fibrosis NOS
id7.. - CYSTIC FIBROSIS FOOD
id71. - ALEMBICOL-D ACBS oil 4kg
id72. - LIQUIGEN ACBS emulsion 2 litre
id73. - MCT ACBS oil 950mL
id74. - MCT(1) ACBS powder 454g
id75. - MCT ACBS oil 1 litre
id76. - LIQUIGEN ACBS emulsion 1 litre
id78. - LIQUIGEN ACBS emulsion 250mL
id79. - CAPRILON ACBS powder
id7A. - MCT oil 500mL
id7B. - *MCT-STEP 1 liquid 400g
66k.. - Cystic fibrosis monitoring
66k0. - Cystic fibrosis annual review
9No7. - Seen in cystic fibrosis clinic
C10N1 - Cystic fibrosis related diabetes mellitus
cm... - CFTR SELECTIVE POTENTIATOR
cm1.. - IVACAFTOR
cm11. - KALYDECO 150mg tablets
cm12. - IVACAFTOR 150mg tablets