

Medicines: Shortages and Supply Issues

Supply Issues Update – as of 9th April 2020:

The following advice is based on information available that the Cambridgeshire and Peterborough Medicines Optimisation Team were aware of at the time of writing.

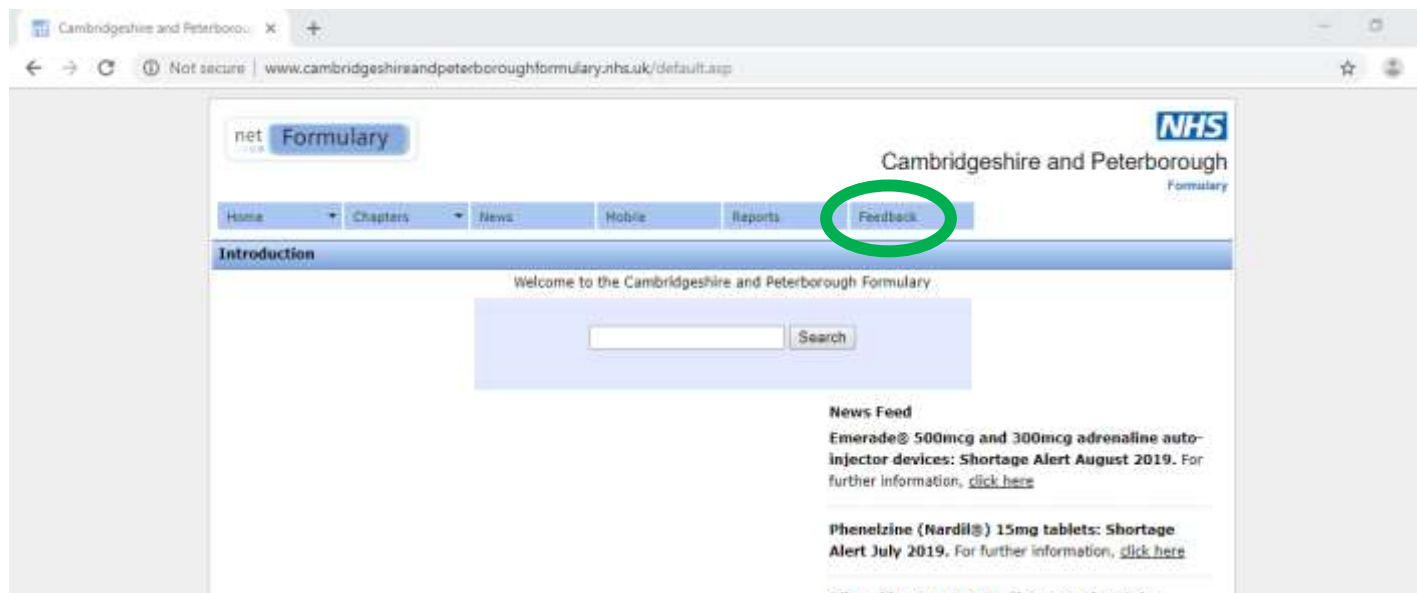
Please be aware the situation often changes **on a daily basis** and may depend on individual wholesaler supply to dispensaries/pharmacies.

The Medicines Optimisation Team would always recommend checking our online netFormulary platform in the first instance for the latest medicine shortage information within both the NEWS FEED and by searching for the individual medicine monograph.

Pharmacies, dispensaries and patients should check supplies in their locality before requesting prescribers to change prescriptions as different pharmacies and dispensaries use a range of wholesalers.

Related messages will also be added to our prescribing support software, Optimise Rx where relevant.

Please use the netFormulary FEEDBACK tab to ALERT the Medicines Optimisation Team to any potential CRITICAL DRUG SHORTAGE issues that may have a clinical impact on patients so we can investigate this further.



PLEASE NOTE THAT THE DHSC HAVE JUST RELEASED THEIR MONTHLY UPDATE AND THEREFORE THE MEDICINES OPTIMISATION TEAM ARE CURRENTLY WORKING TO ENSURE THAT THIS DOCUMENT AND NETFORMULARY WILL BE UPDATED URGENTLY (09/04/2020).

CORONAVIRUS UPDATE – SUPPLY DIFFICULTIES

Azathioprine 25mg and 50mg tablets SUPPLY ISSUES WITH BOTH STRENGTHS

- It has been confirmed that the following manufacturers have availability currently:
 - Aspen – 25mg and 50mg tablets via Movianto.
 - Ennogen – 50mg tablets available only via Alliance Healthcare specials department.
 - Mylan – 25mg tablets via Alliance Healthcare in pack sizes of 28.
 - Tillomed – 50mg tablets.
- *In the first instance, please ensure that patients phone several pharmacies within their locality to determine if supplies are available locally. Where no supplies are available, please urgently contact the Medicines Optimisation team via CAPCCG.prescribingpartnership@nhs.net or via the netFormulary FEEDBACK tab.*

Bilastine DUE TO THE COVID-19 SITUATION, THIS WILL BE UNAVAILABLE FOR THE FORESEEABLE FUTURE

- Due to the COVID-19 situation the manufacturer, Menarini, will not be promoting Bilastine in the UK for the foreseeable future.
- Alternative formulary options can be found on netFormulary, see link:
<http://www.cambridgeshireandpeterboroughformulary.nhs.uk/chaptersSubDetails.asp?FormularySectionID=3&SubSectionRef=03.04.01&SubSectionID=B100&drugmatch=3571#3571>

Hydroxychloroquine 200mg tablets SUPPLY DIFFICULTIES

- The manufacturer, Bristol, have confirmed that stocks are available to order in primary care through AAH, Alliance Healthcare and Phoenix.
- The manufacturer, Zentiva, have confirmed that stocks are available to order in primary care.
- *Chloroquine and hydroxychloroquine are not licensed to treat COVID-19 related symptoms or prevent infection. Clinical trials are currently ongoing with these agents and until we have clear, definitive evidence that these treatments are safe and effective for the treatment of COVID-19, they should only be used for this purpose within a clinical trial.*

Inhalers for Asthma and COPD INCREASED DEMAND CAUSING REPLENISHMENT ISSUES

- The majority of manufacturers that our Medicines Optimisation Team have contacted have confirmed that stock is available of inhalers and being delivered regularly to the three major wholesalers AAH, Alliance Healthcare and Phoenix, in addition to several other distributors.
- However, due to increased demand at wholesaler level, the stocks that are being delivered by the manufacturer are rapidly become depleted.
- It is this increase in demand that is resulting in local shortages within Cambridgeshire and Peterborough.
- We are still receiving reports from Community Pharmacy colleagues that they are seeing an exceptional increase in the number of patients presenting prescriptions for inhalers (a FOUR fold increase).

- In some instances, the patients concerned have not requested these on prescription for many years and actually may no longer require this treatment.
- **We need our prescribers to think very carefully about whether there is a continued need for these inhalers when requested.**
- For inhaler availability locally in C & P see link: <https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20589>
- See shortage memo below for Clenil Modulite 100mcg MDI for further information also: <https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20560>

Palliative Care Stock Availability *TO BE UPDATED BY MOT ON A DAILY BASIS*

- Pharmacies which participate in the Palliative Care Scheme should hold stock of essential drugs for emergency supply and rapid access.
- The Medicines Optimisation Team are reviewing the supplies of these medicines with the manufacturers on a daily basis.
- For current availability see link: <https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20590>
- For pharmacies participating in this scheme in C & P see link: <https://www.cambridgeshireandpeterboroughccg.nhs.uk/health-professionals/prescribing-information/controlled-drugs-and-palliative-care/palliative-care-prescribing/>

Paracetamol formulations *INCREASED DEMAND CAUSING SUPPLY ISSUES*

- There is a shortage of paracetamol 500mg formulations in Primary Care with all pack sizes and formulations (tablets, caplets and capsules) being affected which includes General Sales List - Pack size 16 or smaller, Pharmacy only - Pack size 32 and Prescription Only Medicine - Pack size 100.
- The following manufacturers have reported that they are still currently supplying wholesalers: *Accord, Bristol Laboratories, Crescent, Kent, Mawdsleys, Sigma and Zentiva*. However due to some stock piling by patients purchasing OTC and GSL medications and restrictions on export from India and China, current supply is limited.
- **Patient who self-care with paracetamol** - Providing a prescription of paracetamol, to patients who usually purchase their own products is not recommended as this is likely to rapidly deplete remaining stocks of POM packs of paracetamol. Patients should be advised to try several suppliers locally in order to purchase their formulation of paracetamol. It would be advisable for patients to phone in advance, to ensure that stocks are available to purchase. GSL packs of paracetamol (16s) are also available to be purchased from petrol stations, retailers and supermarkets, as well as Community Pharmacies. Patients should be advised to purchase only the quantity of medication that is required and not to stockpile large quantities of medication as this may precipitate further supply issues with these products. Community pharmacies are able, based on current recommendations, to package smaller supplies which can be sold to members of the public if supplies of standard packs are not available, where this is clinically needed.
- **Patients who usually receive their supply of paracetamol on prescription** - Where a patient has been receiving their supply of paracetamol on prescription (patient is unable or unwilling to self-care), a sufficient supply should be prescribed, as is necessary, for the individual patient based on their current needs. We would advise that you liaise with your community pharmacies and dispensaries directly to ascertain their local stock holding of the POM packs of paracetamol 500mg to ensure that all patients who clinical need paracetamol can continue to receive a supply at this time. Patients who are prescribed a multiple of 100 paracetamol 500mg tablets routinely due to the pack size but require less than this to meet their clinical needs, should have their prescription quantity amended.

- **Current advice on the use of ibuprofen as an alternative** - Ibuprofen formulations share similar licensed indications to paracetamol. However, there has been concern about the use of non-steroidal anti-inflammatory medications (NSAIDs) in relation to Covid-19 following a statement by the French Health Minister (a clinician) advising against the use of ibuprofen. A CAS alert published on the 17th March advised '*In view of the current lack of clarity, (relating to the use of NSAIDs and Covid-19), the Committee of Human Medicines (an advisory body of MHRA) and NICE have been asked to review the evidence. It is therefore suggested that, in the interim, for patients, who have confirmed Covid-19 or believe they have Covid-19, that they use paracetamol in preference to NSAIDs. Those currently on NSAIDs for other medical reasons (e.g. arthritis) should not stop them.*' See link for CAS alert: [CEM_CMO_2020_010.pdf](#)

Sertraline 50mg and 100mg tablets INCREASED DEMAND CAUSING SUPPLY ISSUES

- The following manufacturers have confirmed availability of both strengths: Relonchem – 50mg stock is available and is supplying Tesco only, Crescent – 50mg are available through AAH, Alliance Healthcare and Phoenix.
- *The Medicines Optimisation Team are working with CPFT to produce supporting guidance for where supplies are not available locally.*

NEW items OUT OF STOCK/DISCONTINUATIONS

Depakote 250mg and 500mg tablets

- Depakote 250mg and 500mg tablets are out of stock until mid-April 2020 with ongoing limited supplies until July 2020.
- For actions to deal with this shortage see Medicine Supply Notification link below:
<https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20452&UNLID=981480055202031613172>
- Syonell (valproate semisodium) tablets are in stock and able to support the market during this time.
- Belvo (valproate semisodium) tablets are in stock and able to partially support this supply issue.
- There is also a shortage of Convulex (valproic acid) which is the only licensed valproic acid treatment of generalised, partial or other epilepsy in children and adults. Patients who are prescribed Depakote for off-license use in epilepsy indications, advice should be sought from their epilepsy specialist responsible for their care.

Diamorphine Hydrochloride powder for reconstitution and injection 5mg and 10mg ampoules OUT OF STOCK

- There are two suppliers of these products in the UK, Wockhardt and Accord.
- Accord are out of stock of both 5mg and 10mg strengths, with a re-supply date of Summer 2020.
- Wockhardt are expecting to be out of stock of 5mg vials from week commencing (w/c) 2nd March and 10mg vials from w/c 16th March until w/c 6th April 2020.
- Diamorphine hydrochloride 30mg, 100mg, 500mg are available but manufacturers are unable to support an increase in demand on these strengths.
- *Please note - Morphine has superseded diamorphine as the end of life choice of opioid in adults in primary and secondary care. Sufficient supplies of morphine sulfate 10mg/ml injection are available from Ethypharm and Hameln to support this supply disruption. The Hameln presentation is*

preservative free. Morphine and diamorphine are not equipotent, and care should be taken when switching patients or amending guidelines, see shortage memo below for further information.

- Please refer to the Central Alerting System (CAS) alert issued 25/03/2020: https://www.cas.mhra.gov.uk/ViewandAcknowledgment/ViewAttachment.aspx?Attachment_id=103486
- See shortage memo below for further information also: <https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20508&UNLID=9814800552020316131326>

Epanutin (Phenytoin) 30mg/5ml oral suspension *OUT OF STOCK*

- Epanutin® (phenytoin) 30mg/5ml oral suspension will be out of stock from w/c 2nd March until late June 2020.
- The Canadian brand of phenytoin 30mg/5ml oral suspension - 'Dilantin-30®' - is equivalent to Epanutin® 30mg/5ml oral suspension and supplies are available on an 'unlicensed' basis.
- Different formulations of phenytoin (other than Dilantin® 30mg/5ml oral suspension) are not interchangeable and if patients are switched to anything other than 'Dilantin® (phenytoin) 30mg/5mL oral suspension' careful management of switching and monitoring is required which may require specialist advice, support, or referral.
- See link below to supply disruption alert published 25th February 2020 for further information: https://www.cas.mhra.gov.uk/ViewAndAcknowledgment/viewAttachment.aspx?Attachment_id=103423

Fluoxetine 10mg tablets *OUT OF STOCK*

- Serious Shortage Protocol (SSP) in place for Fluoxetine 10mg tablets
- For further information see SSP link: <https://www.nhsbsa.nhs.uk/sites/default/files/2020-03/SSP%20Fluoxetine%2010mg%20tablets%20final%20-%20signed.pdf?UNLID=3441477642020325103238>

Glibenclamide 2.5mg and 5mg tablets (Wockhardt) *DISCONTINUATION*

- Wockhardt have discontinued these tablets with immediate effect.
- Patients will need to be individually reviewed and considered for switching to an alternative sulphonylurea. The current first line formulary choice is Gliclazide.
- Please **DO NOT prescribe** Amglidia, glibenclamide oral suspensions, licensed for neonatal diabetes. **These formulations are extremely HIGH COST: £21,000 for 30ml (6mg/ml) and £2,100 for 30ml (0.6mg/ml).**

Haloperidol 500 microgram capsules (Serenace) *DISCONTINUED*

- Teva, the sole supplier of the capsule formulation has discontinued Serenace capsules.
- **Haloperidol 500 microgram tablets are currently available.**
- A serious shortage protocol (SSP) is currently in place. See the below link for further information: <https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/serious-shortage-protocols-ssps>

Slo-Phyllin (theophylline) 60mg/125mg/250mg capsules *DISCONTINUATION*

- Merck, the suppliers of Slo-Phyllin® (theophylline), have reported that due to manufacturing issues from their supplier, the manufacture of this product has ceased immediately, and will be discontinued. Merck anticipate estimated out of stock dates from the end of November.
- Limited stock is available to order directly from Merck's customer services, if unavailable from wholesalers.
- Prescribers will need to review and switch all affected patients who still require theophylline, from Slo-Phyllin® to alternative preparations.
- See CAS alert for further information and advice on switching to alternative preparations:
https://www.cas.mhra.gov.uk/ViewandAcknowledgment/ViewAttachment.aspx?Attachment_id=103347

Somatropin (Genotropin) 12mg GoQuick/0.6mg MiniQuick/0.8mg MiniQuick *OUT OF STOCK*

- Pfizer have limited supplies of 12mg GoQuick and 0.6mg MiniQuick with stocks expected w/c 20th April 2020. The 0.8mg MiniQuick is also out of stock with stocks expected to be replenished in June 2020.
- For patients who are required to switch their device as a result of this issue, Pfizer will provide device training through your homecare provider at no cost to the Trust. If this is required, inform the homecare company of a change to prescription and the request for patient training. Alternatively, contact endocrinecare@pfizer.com for additional support.
- See netFormulary link below for further details:
<https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20592&UNLID=3441481402020325123532>

Somatropin (Genotropin) 12mg refill cartridges *OUT OF STOCK*

- Pfizer are out of stock of 12mg refill cartridges until w/c 20th April 2020.
- See link below to the DHCP letter from Pfizer for further information:
<https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20592&UNLID=3441481402020325123532>

StaneK (levodopa/carbidopa/entacapone) tablets *SUPPLY DIFFICULTIES*

- Teva have informed the DHSC that there are supply issues impacting on the following presentations of StaneK tablets:
 - 150mg/37.5mg/200mg tablets (Pack size 30 and 100) until mid – June 2020.
 - 100mg/25mg/200mg tablets (Pack size 30) until end of June 2020.
 - 125mg/31.25mg/200mg tablets (Pack size 30 and 100) until mid-July and end of July 2020, respectively.
- All other StaneK presentations remain available during this time.
- Supplies of Sastravi or Stalevo tablets which are considered equivalent, continue to remain available.
- For patients with insufficient supplies of StaneK until the anticipated resupply date, clinicians should consider prescribing levodopa/carbidopa/entacapone tablets generically so that pharmacies can supply Sastravi or Stalevo tablets.
- Patients who are required to change brand should be monitored for side effects/change in disease control.
- Patients should be counselled on any changes to avoid medication errors, especially for those patients on more than one strength of StaneK tablets.
- See Medicine Supply Notification below for further information:
<https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20647&UNLID=49428867620204710170>

BACK IN STOCK (Resolved March 2020)

Diazepam 2mg/5ml oral solution

Eletriptan 20mg tablets

Lansoprazole (Zoton FasTabs) 15mg and 30mg oro-dispersible tablets

Opicapone (Ongentys) 50mg capsules

Phenylephrine 2.5%/10% Minims eye drops solution

Sandrena 0.5mg gel

Sayana Press (medroxyprogesterone acetate) 104mg injection

Somatropin (Genotropin) 5.3mg GoQuick

Venlafaxine XL (Efexor) 75mg/150mg capsules

UPDATES on previous recent items

Product	Current Availability and background	Advice on alternatives <i>See netFormulary for further information</i>
Adrenaline auto-Injectors: <i>Emerade, EpiPen and Jext</i>	<u>Emerade</u> Devices will be unavailable for the foreseeable future. On the 4 th March 2020, the MHRA issued a class 2 recall to patient level for all unexpired batches of Emerade 150mcg auto-injectors. On the 7 th April 2020, the MHRA issues a class 2 recall to patient level for all unexpired batches of Emerade 300mcg auto-injectors. In-date Emerade 500mcg auto-injector pens should not be replaced but patients should be informed to carry TWO-IN DATE devices on their person at all times. <u>EpiPen</u>	See netFormulary for further information and links to useful resources.

	<ul style="list-style-type: none"> • Prescription validation has been lifted for EpiPen Junior devices. • Supplies of EpiPen 300mcg are available via a prescription validation process and this includes school signed ordered. There is a maximum of 2 pens per prescription/school and delivery takes upto 2 working days. • An anonymised copy of prescription/school signed order should be faxed or emailed to the prescription validation service by your pharmacy and include their Alliance Healthcare account number. Fax: 0330 332 8126. Email: scriptvalidation@alliance-healthcare.co.uk. • See links below for further information. <p><u>Jext</u> 150mcg and 300mcg devices are currently available.</p>	
Amiloride 5mg tablets	Accord are out of stock until August 2020.	Wockhardt stock should be available to support during this time.
Azarga eye drops (Brinzolamide 10mg/ml + timolol 5mg/ml)	Available to order through AAH and Phoenix.	Due to increased demand of all medicinal products it may be taken longer to filter through from wholesalers to pharmacies.
Bile acid sequestrants	<p><u>Colestyramine</u></p> <p>Questran Powder 4g sachets are out of stock until 2021.</p> <p>Questran Light sachets are currently available to order in limited supplies through Alliance Healthcare.</p> <p>Colestyramine light (generic) manufactured by Mylan has been launched and is available through wholesalers AAH, Alliance Healthcare and Phoenix.</p> <p><u>Colesevelam</u></p> <p>Cholestagel 625mg tablets (colesevelam): currently available from AAH, Alliance Healthcare and Phoenix.</p> <p><u>Colestipol (non-formulary)</u></p>	<p>Please view the following link for further information: Shortage Alert of Bile Acid Sequestrants</p>

	<p>Colestid (colestipol) granules 5g (orange): Unavailable, expected resupply date of 17th April 2020.</p> <p>Colestid (colestipol) granules 5g (plain): Unavailable, expected resupply date of 17th April 2020.</p>	
<p>Carbagen (carbamazepine) immediate release and modified-release – 200mg, 400mg</p>	<p>Carbamazepine is considered a Category 1 anti-epileptic medication and patients should normally be maintained on the same brand, however Mylan (manufacturers of Carbagen) are out of stock of the below products and currently unable to provide a resupply date: Carbagen 200mg and 400mg immediate release tablets Carbagen 200mg and 400mg modified release tablets.</p>	<p>Tegretol tablets (Novartis), the alternative brand of carbamazepine, have confirmed that all presentations are currently availability.</p> <p>Please view the following link for further information: Shortage Alert of Carbagen</p>
<p>Clonidine 25mcg tablets</p>	<p>Accord are out of stock and unable to advise a resupply date earlier than May 2020. Limited supplies are currently available from Sandoz. Further supplies are due at the end of April.</p>	<p>Please view the following link for further information: Shortage of Clonidine 25mcg tablets</p>
<p>Co-careldopa 25mg/100mg tablets (Teva)</p>	<p>Teva, a generic supplier is out of stock and is currently unable to provide a resupply date.</p>	<p>MSD, the supplier of the brand Sinemet Plus can cover supply for the whole market during this time.</p>
<p>Convulex 300mg (valproic acid) capsules</p>	<p>Convulex 300mg capsules are out of stock with no resupply date confirmed.</p>	<p>Convulex 150mg and 500mg capsules are currently available.</p> <p>See link below for the supply disruption alert issued 23rd December 2019: https://www.cas.mhra.gov.uk/ViewandAcknowledgment/ViewAttachment.aspx?Attachment_id=103378</p>
<p>Cyclopentolate hydrochloride 0.5%/1% (Minims) eye drops</p>	<p>Limited supplies of cyclopentolate 1% Minims until early April 2020.</p>	<p>Cyclopentolate 0.5% Minims are currently available.</p> <p>Further information is available on The Royal College of Ophthalmologists website.</p> <p>See link below for the supply disruption alert issued 20th December 2019: https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allid=20241&UNLID=981479845202031612046.</p> <p>Preservative containing supplies of cyclopentolate hydrochloride 0.5% and 1% eye drops (Mydrilate) continue to remain available.</p>

Dexamethasone with Antibacterials (Sofradex)	Sanofi are out of stock until September 2020.	Alternative preparations for use in the ear – netFormulary . Alternative preparations for use in the eye – netFormulary .
Disopyramide 150mg capsules	Mylan are out of stock until late April 2020.	See link below for the supply disruption alert issued 14 th June 2019: https://www.cas.mhra.gov.uk/ViewandAcknowledgment/ViewAlert.aspx?AlertID=102869
Fludroxycortide 0.0125% cream and ointment	Typharm Limited cannot release further stock of fludroxycortide cream and ointment due to updates to their licences and changes to regulatory standards. There is no confirmed resupply date.	Fludroxycortide 4micrograms per square cm tape remains available.
Fluoxetine 20mg orodispersible tablets (Olena)	Advanz, sole supplier is currently out of stock, further supplies are expected in late April 2020.	Fluoxetine 20mg/5ml oral solution (not sugar free version as more expensive) remain available from Accord through Alliance Healthcare.
Galantamine	Teva will be out of stock of their immediate release galantamine preparations (8mg and 12mg) until July 2020.	We have been advised that galantamine modified release preparations are readily available (8mg, 16mg, 24mg). The preferred brand in Primary Care is Gatalin XL Capsules. See netFormulary for further support from UKMi on switching preparations.
Hormone Replacement Therapies	There are still ongoing issues with hormone replacement therapy products.	Please view the following link for further information: Shortages Alert Memo for HRT
Levomepromazine 25mg/ml injection (Nozinan)	Sanofi are out of stock of Nozinan injection until w/c 24 February 2020.	Wockhardt have stock of levomepromazine injection and can cover the market until Sanofi are back in stock. See the medicine supply notification issued on 12 February for further information: https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=20455&UNLID=981479845202031612757
Medroxyprogesterone (Provera) 400mg tablets	Out of stock until mid-June 2020.	All other strengths are currently available.
Mesalazine (Salofalk) 500mg/1g suppositories	Salofalk® 500mg suppositories are out of stock and further deliveries are expected mid-April 2020. Salofalk 1g suppositories are out of stock until mid-September 2020.	Pentasa 1g suppositories remain available. The DHSC have produced a medicine supply notification outlining actions required to deal with this medication shortage, available at: https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allId=19479&UNLID=643914070201912214275
Metformin modified release formulations	Increase in demand is causing replenishment issues for some manufacturers and wholesalers.	Metformin m/r tablets should be prescribed generically to prevent any supply issues.
Metoprolol	Aurobindo-Milpharm, the sole supplier in the UK, have a long-term shortage affecting metoprolol 50mg and 100mg tablets;	Please view the following link for further information: Shortage Alert Memo for Metoprolol

	<p>caused by some manufacturers discontinuing the products and others having supply difficulties.</p> <p>They currently have limited stock available; supply is likely to be intermittent for several months.</p>	
Moclobemide	<p>Mylan is currently out of stock of moclobemide 150mg and 300mg tablets with resupply expected March 2020 and April 2020, respectively.</p> <p>Sandoz is out of stock of moclobemide 300mg until March 2020.</p>	<p>Sandoz is in stock of moclobemide 150mg tablets.</p> <p>Unlicensed moclobemide 300mg tablets are available from importers; lead times vary.</p>
Nifedipine	<p>There are still ongoing issues with nifedipine products.</p>	<p>Please view the following link for further information: Shortages Alert Memo for Nifedipine</p>
Norimin (ethinylestradiol 35 microgram/norethisterone 1mg)	<p>Pfizer are out of stock and are unable to provide a resupply date.</p>	<p>UKMi have advised that there are no exact equivalent preparations to Norimin available on the UK market. Other ethinylestradiol and norethisterone OCP products should be available.</p>
Paroxetine (Seroxat) 10mg/5ml oral solution	<p>GSK, the sole supplier of paroxetine oral solution, expect to be out of stock of Seroxat 10mg/5ml oral solution from the end of October to the end of February 2020.</p>	<p>Paroxetine tablets remain available and UKMi have advised that tablets can be crushed and mixed with water for administration, however this would be an off-label use. The crushed tablets are bitter and have a slight local anaesthetic effect.</p> <p>DHSC has worked with the specialist importers and can confirm that unlicensed paroxetine oral solution is available; lead times vary. This may be significantly more expensive than tablets.</p>
Penicillamine 125mg and 250mg tablets	<p>Penicillamine 125mg tablets are out of stock until late March 2020.</p> <p>Limited supplies of penicillamine 250mg tablets are available through hospital pharmacies only.</p> <p>Further supplies of penicillamine 250mg tablets for primary care are expected end February 2020.</p>	<p><i>Shortage memo currently in development to support.</i></p> <p>Unlicensed imports of penicillamine 125mg and 250mg tablets are available.</p> <p>See Medicine Supply Notification issued on 20/02/2020 for further information (below): https://www.cambridgeshireandpeterboroughccg.nhs.uk/EasySiteWeb/GatewayLink.aspx?allid=20535&UNLID=9814800972020316143347</p>
Pethidine 50mg tablets	<p>Martindale are out of stock and resupply expected w/c the 3rd of July 2020.</p>	<p>Teva can support the full market until Martindale's resupply date.</p> <p>Patients should be reviewed by a clinician to assess ongoing need.</p> <p>For support with individual patients in Primary Care, please contact the Medicines Optimisation Team for further advice via CAPCCG.prescribingpartnership@nhs.net.</p>

Phenelzine	Kyowa Kirin, sole supplier is out of stock and is currently unable to advise a resupply date.	Please view the following link for further information: Shortage Memo Alert for Phenelzine
Phenytoin (Epanutin) 50mg chewable Infatabs	Pfizer are out of stock until mid-2020 due to a manufacturing delay.	Pfizer has obtained approval from the MHRA to import stock of Dilantin (phenytoin) Infatabs from Canada. Canadian packs of Dilantin are considered unlicensed in the UK. See netFormulary monograph for further information.
Phenytoin Sodium NRIM 100mg capsules (Accord)	Accord are expected to be out of stock of phenytoin 100mg capsules until May 2020 due to a regulatory change at their manufacturing site. Flynn Pharma can support the full market during this time.	Please refer to the Central Alerting System (CAS) alert issued 10/01/2020: https://www.cas.mhra.gov.uk/ViewandAcknowledgment/ViewAttachment.aspx?Attachment_id=103380
Prazosin (Hypovase)	Pfizer the sole supplier of Hypovase 500mcg tablets are out of stock until the end of May 2020. Pfizer the sole supplier of Hypovase 1mg tablets have limited supplies available from Alliance Healthcare which are expected to be depleted by week ending the 3rd April 2020 and then will be out of stock until the end of May 2020.	Until the shortage resolves, prescribers should not start new patients on prazosin. See netFormulary for further information.
Ranitidine Products	Ranitidine tablets, effervescent tablets and oral solution are expected to be out of stock with no date for resupply until further notice. The MHRA Medicines have instructed suppliers of oral ranitidine in the UK to quarantine ALL affected, unreleased stock at manufacturer level whilst their investigations are ongoing.	Please view the following links for further information: Supply Disruption Alert issued 15/10/2019 Supply Disruption Alert issued 20/12/2019 Shortage Alert of Ranitidine Products
Salbutamol 2mg/5ml syrup	There is a shortage of salbutamol 2mg/5ml syrup (Pinewood) with no anticipated resupply date.	GSK have confirmed that Ventolin 2mg/5ml syrup is available to order.
Trifluoperazine 1mg and 5mg tablets	There have been ongoing manufacturing issues affecting trifluoperazine 1mg and 5mg tablets causing long term issues with supplies not expected before mid-2020.	Concordia and Rosemont have trifluoperazine liquid and supplies are available.
Vensir XL p/r capsules (75mg, 150mg and 225mg)	Morningside Healthcare are experiencing a disruption in supply of their Vensir XL (Venlafaxine prolonged release capsules) in strengths of 75mg, 150mg and 225mg.	We would recommend that until this shortage has resolved that venlafaxine formulations should be prescribed generically.
Yacella (ethinylestradiol 30 micrograms and drospirenone 3 mg tablets)	Yacella is the preferred brand of ethinylestradiol 30 micrograms and drospirenone 3 mg tablets in Primary Care. However, this is currently unavailable and Morningside, the manufacturer have confirmed that stock is expected again by the end of March.	Consilient Health have confirmed that their alternative brand of ethinylestradiol 30 micrograms and drospirenone 3 mg tablets, Lucette is available to order through AAH, Alliance Healthcare and Phoenix.

For any queries about the information contained within this document or to provide feedback, please contact the CCG formulary team by using the netFormulary FEEDBACK tab, available at: www.cambridgeshireandpeterboroughformulary.nhs.uk