# Anticipatory Medications Template V1.3

Deployed to all GP Practices in 5 Hampshire CCGs March 2020 as part of the Palliative Care response to COVID19

The following pages illustrate the Anticipatory Medications Dose Calculation Worksheets developed over much of 2019 to sit alongside the Future Planning Template and SHFT/Solent Community Syringe Driver and PRN Administration Order sheets. In response to COVID-19 this work was completed over 2 weeks in March and all of the resources mentioned were distributed to all EMIS practices by ArdensQ and all SystmONE practices via Southampton and Portsmouth CCG IT departments. This work was completed by the release of clinical Palliative Medicine Consultant time by SHFT, Solent NHS Trust and Rowans Hospice, without any additional funding.

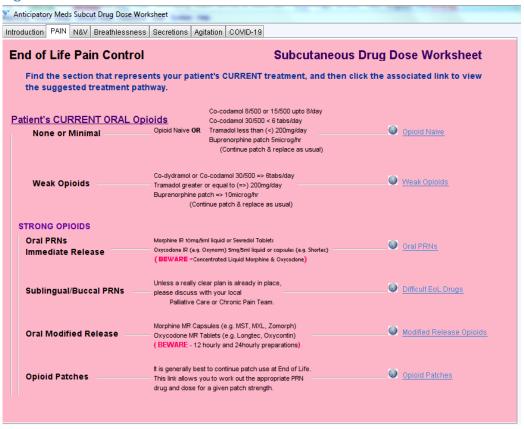
Introductory page from the EMIS template is shown in figure 1. Generally SystmONE Template views are used to illustrate contents. Both S1 and EMIS templates link to the same flowcharts held in the FuturePlanning.org.uk webpages.

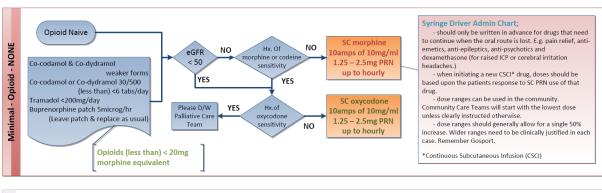
**Template Runner** Pages Template information This template is produced by Ardens for EMIS Web in association with the Future Care Planning Project and Dr. Steve Plenderleith, consultant in palliative care. Introduction and information This template is intended for use by clinicians as an aid but is not intended as a replacement for clinical judgement in the care of individual patients. Nausea and Vomiting Breathlessness Original © Future Planning Project This version @ Ardens-Q Ltd. Agitation and Delirium Information This template is designed to help guide clinicians in starting safe doses of (primarily) end of life anticipatory medications It is your responsibility to check course, doses and routes of administration, as well as contraindications and allergies, before giving any The links provided lead to external sites - we do not endorse, or have control over the content or accuracy of these sites. Introduction The Future Care Planning Project is supported as part of an NHS and hospice partnership: Click to view supporters of the furture planning template **Future Care Planning Project Information** For project information and additional resources, please visit the following link: Future Planning Website Template Version

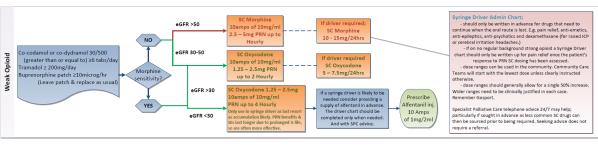
7ext Anticipatory prescribing (v13.5) by Ardens-Q Ltd. 29-Mar-2020 This is version 13.5 (Plenderleith v1.2) of the Anticipatory Prescribing template, last updated Mar 2020

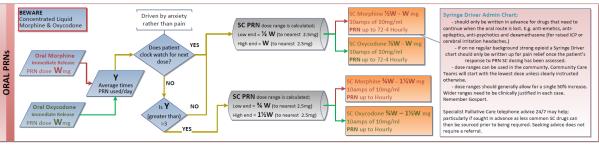
Figure 1.0 - Introductory Page

### Figure 2.0 - Pain Control









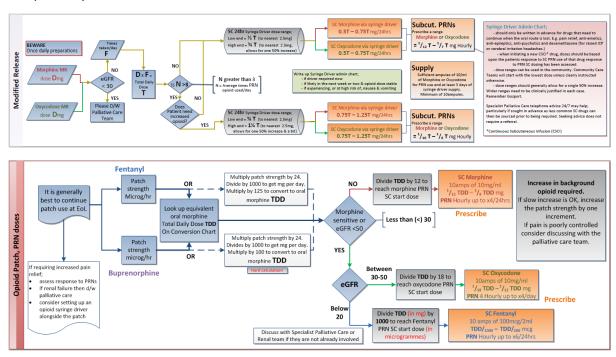
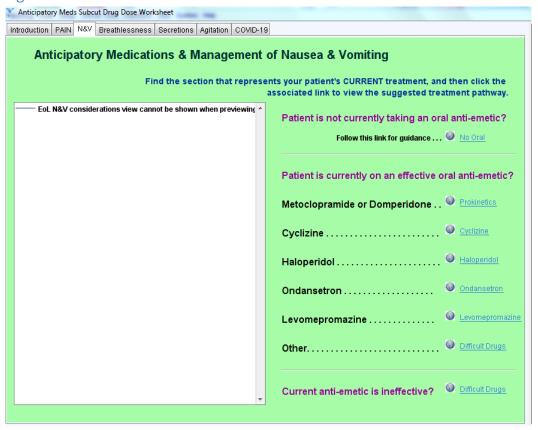
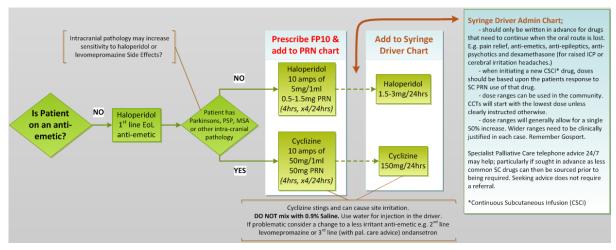
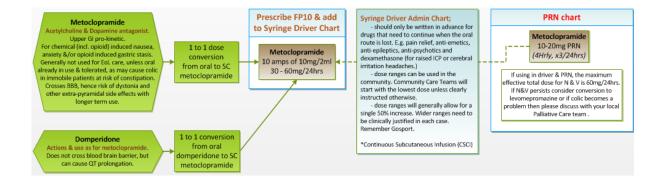
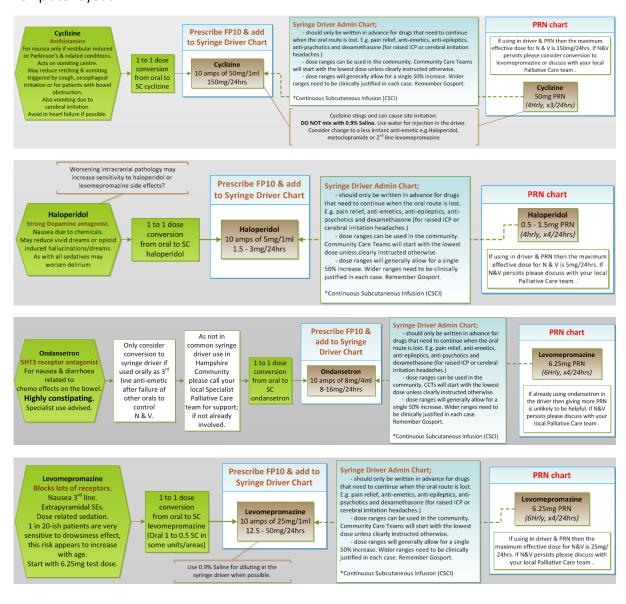


Figure 3.0 - Anti-emetics









## Figure 4.0 - Breathlessness

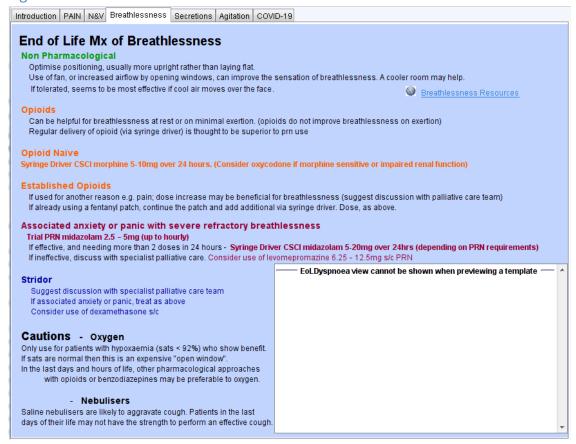
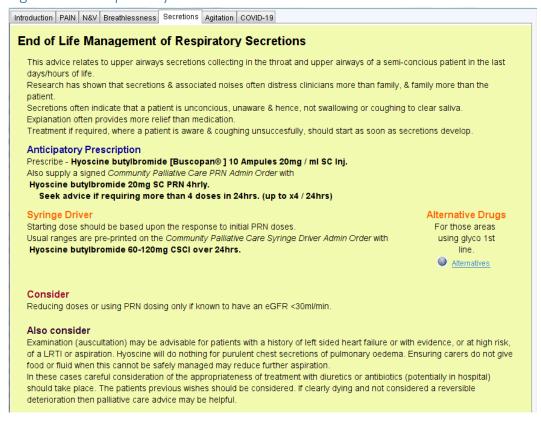
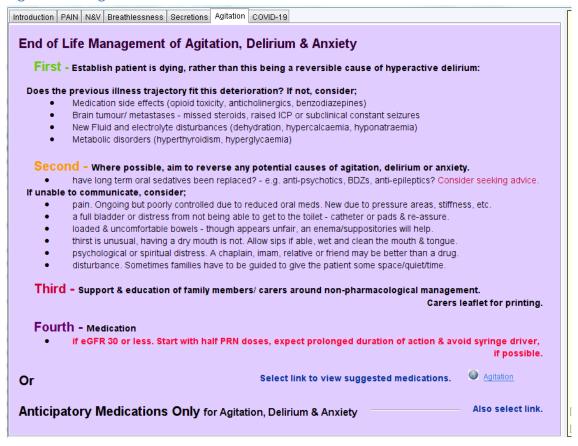


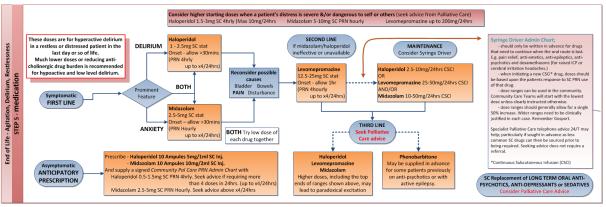
Figure 5.0 - Respiratory Secretions



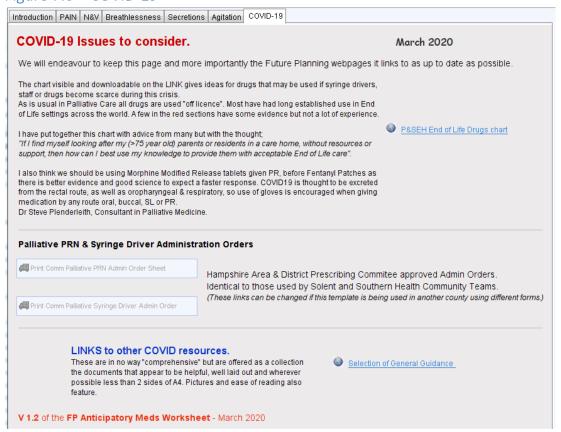
www.futureplanning.org.uk/EoLSecretions

## Figure 6.0 - Agitation





#### Figure 7.0 - COVID-19



*COVID-19 management of End of Life symptoms – COMMUNITY SETTINGS (This assumes a patient is unable to swallow any oral medications safely) 29/3/2020 Version 1.5									
	1 <sup>st</sup> Line				2nd line replacement drugs when 1 <sup>st</sup> lines are not available.				3rd Line
	Breathlessness / Pain (Chest pain seen in some COVID cases)	Agitated delirium	Respiratory Secretions ‡	Anxiety (Breathlessness, if not held with 3 drugs)	Breathlessness / Pain	Agitated Delirium	Respiratory Secretions ‡	Anxiety (Breathlessness If not symptom controlled with 3 drugs)	All Symptoms
Syringe Driver available**	Morphine 10-30mg/24hrs CSCI (2.5-5mg SC PRN Hourly x4/24hrs)	Haloperidol 5mg/24hrs CSCI (0.5-1.5mg SC PRN 4hourly x4/24hrs)	Hyoscine butylbromide 60-120mg/24hrs CSCI (20mg SC PRN 4hourly x3/24hrs)	Midazolam 10-30mg/24hrs CSCI (1.25-5mg SC PRN up to hourly x4/24hrs)	Oxycodone 10-20mg/24hrs CSCI (1.25-5mg SC PRN Hourly x4/24hrs)	Levomepromazine 25mg/24hrs CSCI (12.5-25mg SC PRN 4hourly x3/24hrs)	Glycopyrronium 600-1200mcg/24hrs (micrograms) CSCI (200-300mcg SC PRN 4hourly x4/24hrs)	Levomepromazine if not already on haloperidol. See also Lorazepam SL/Oral	care or your Trust pharmacist for advice. Other replacement
Healthcare Professional available but no syringe drivers available	Fentanyl Patch 12-25mcg/hr Replace 48hourly (Morphine Inj. 2.5-5mg SC PRN Hourly x4/24hrs)		40mg SC 12hourly Increase to 8hourly if symptoms persist (20mg SC PRN 4hourly x4/24hrs)	6hourly x2/24hrs)	Oxycodone 2.5-5mg SC Hourly PRN x4/24hrs)	Levomepromazine 25mg SC Once Daily (12.5-25mg SC PRN 4hourly x3/24hrs)	4hourly x3/24hrs)		
Lay carer only, willing to give SC injections	If you are not sure about the need for giving an as Required injection at any time then please telephone for advice/support from the community or nospice team supporting you, local nalilative care from or no spirited from the community or nospice.								drugs may be available for each indication; however these will not be drugs you commonly
Lay carer available but unable to give SC meds	Fentanyl Patch Dose as above. A fan if tolerated. (ORAL Morphine 20mg/ml up to 1ml [0.5ml in each cheek] PRN 2hourly x4/24hrs)	Levomepromazine Oral [1 tablet crushed, with a little water] 25mg Once Daily (12.5mg As Required 4hourly x3/24hrs	Hyoscine hydrobromide patch 1mg/day size Replace 48 hourly Repositioning see UNK to guidance.	See above		Olanzapine Oro-dispersible 10mg OD Buccal (5mg Buccal As required 4hourly X4/24hrs)	Atropine 1% eye drops 1-2 drops SL 6-8 hourly	Seek advice	All drugs should be written up on locally agreed Community Administration Orders. New pre-printed
	Increase doses only when advised by a health professional.								versions may be provided if legal and
willing to give	#Morphine MR Tablet 10-30mg Twice Daily PR (Morphine Supp. 5-10mg PR As Required 2hourly X4/day	)_	See Above	PR (5mg As required 4hourly x2/24hrs).	#Oxycodone MR Tablet 5-15mg Twice Daily PR (Oxycodone oral liquid 5-10mg PR As Required X4/day)		See Above	# Diazepam Tablet 5-10mg Once Daily PR (5mg As required 4hourly x2/24hrs)	policy blocks are removed.
	Increase doses only when advised by a health professional. Evidence document – www.futureplanning.org.uk\COVID_EoLdrugchart								

All drugs in this table are used "off-label" as is accepted practice for most End of Life drug use.

Lorazepam blue tablets – Genus brand will dissolve in a moist mouth if placed alongside/under the tongue - SL

cuy carer – relative/friend/care assistant
CSCI – Continuous SubCutaneous Injection (syringe driver)

PR – Per rectum SC – Subcutaneous Lay Carer – relative/friend/care assistant As required or PRN – only give if patient becomes symptomatic

X2, x3 or x4/24hrs - seek advice if this number of As Required or PRN doses is exceeded in a 24hr period.

Patches - patients with fever are likely to absorb the drug more rapidly, hence the suggestion to change earlier than usual practice. Also, EoL patients may be unable to report their patch becoming less effective after 2 days.

- usually only for stable pain and will take 12-24hours to reach effective blood levels. In spite of fever absorption may be poor in very cachexic patients.

www.futureplanning.org.uk/covid19 generalguidance.html

<sup>\*\*</sup>If a drugs are required in the syringe driver then SHFT/Solent policy does allow this in "extreme" circumstances. COVID-19 is extreme. Please D/W palliative care or your community matron if concerned. We will not be able to afford to tie up 2 syringe drivers with one patient just because of a policy.

<sup>#</sup>In all cases consider positioning and other non-pharmacological measures. Seek physio advice if required.

#These suggestions are made assuming all other medications are unavailable, inappropriate or contraindicated. Also, recognising the slow onset of pain relief and titration with Opioid transdermal patches. If a patient is breathless and/or in pain and the facility to setup a Syringe Driver or give SC PRNs is not available, then better to use an unusual treatment, which we are not used to, but should work, rather than nothing. Time will tell!