

MEMO



London Health Sciences Centre
Southwest Ontario Regional Base Hospital Program

Date: 2025-08-29	Program Phone: 519-667-6718
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From: SWORBHP Education Team	Program Email: sworbhp@lhsc.on.ca
Subject: Procedural Sedation Fentanyl Dosing	

On June 2nd, 2025 with the release of ALS PCS 5.4, the *Analgesia Medical Directive* saw the removal of normotension from the “Conditions” of fentanyl administration and the maximum cumulative dose increased to 200 mcg. The OBHG MAC endorsed a similar change of removing normotension from the “Conditions” of fentanyl administration and increasing the maximum cumulative dose to 200 mcg within the *Procedural Sedation Medical Directive*.

Unfortunately, the OBHG MAC endorsed changes were not captured in the ALS PCS 5.4 *Procedural Sedation Medical Directive* and the “Conditions” for fentanyl are listed as requiring normotension and the maximum cumulative dose is listed at 150 mcg.

As taught in our ACP Hands on Day; SWORBHP endorses the use of fentanyl within the *Procedural Sedation Medical Directive* utilizing the SBP condition for fentanyl found within the updated *Analgesia Medical Directive*. Namely, **patients do not require “Normotension” in order to receive fentanyl**. Additionally, SWORBP Medical Council endorses the same maximum cumulative dose of fentanyl for the *Procedural Sedation Medical Directive* as written in the *Analgesia Medical Directive*.

The updated Conditions and Treatment as supported by SWORBHP and endorsed by the OBHG MAC, are listed below. Please note that the Directive is not listed in its entirety.



Current Conditions and Treatment as Listed in ALS PCS 5.4

Conditions

fentaNYL	
Age	≥ 18 years
LOA	N/A
HR	N/A
RR	≥ 10/min*
SBP	Normotension
Other	N/A

Treatment

Consider fentaNYL

	Route
	IV/IO/CVAD/IN
Dose	25-75 mcg
Max. single dose	75 mcg
Dosing interval	5 min
Max. total dose	150 mcg

SWORBHP/OBHG MAC Endorsed Conditions and Treatment

Conditions

fentaNYL	
Age	≥ 18 years
LOA	N/A
HR	N/A
RR	≥ 10/min*
SBP	N/A
Other	N/A

*Non-intubated patients only

Consider fentaNYL (If available and authorized)

	Age
	≥ 18 years
Route	IV/IO/CVAD/IN
Dose	25 -75 mcg
Max. single dose	75 mcg
Dosing interval	5 min
Max. # of doses	N/A
Max cumulative dose	200 mcg

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Please note that all other components of the *Procedural Sedation Medical Directive* remain as published in the ALS PCS 5.4

If you have any questions, please contact the SWORBHP Office at 519-667-6718 or email sworbhp@lhsc.on.ca.

Thank you for your continued commitment to safe and patient centric care.

SWORBHP Education Team