**ToxNL *toxicology sim course***

Masterclass toxicology 25-26 november 2019

***From symptom to diagnosis and treatment***

Focus on clinical judgement and decision making

**Concept!**

Day 1:

8:30 - 9:00 registration

9:00 – 9:15 welcome and introduction

9:15 – 11:45 block 1

20 min lecture (refreshing knowledge)

45 min Workshop 1a (pathofysiology) vs groep 1-3 sim 1 (Sim practice and desision making in treatment)

20 min break

45 min workshop 1b (pathofysiology) vs groep 4-6 sim 1 (Sim practice and desision making in treatment)

20 min rap up

11:45 – 12:00 break

12:00 – 15:10 block 2

20 min lecture (refreshing knowledge)

45 min Workshop 2a (pathofysiology) vs groep 1-3 sim 2 (Sim practice and desision making in treatment)

13:05 – 14:05 Lunch

45 min workshop 2b (pathofysiology) vs groep 4-6 sim 2 (Sim practice and desision making in treatment)

20 min rap up

15:10 – 15:40 break

15:40 – 16:40 case discussion hour

16:40 – 17:00 closure

Day 2:

9:00 – 11:30 block 3

20 min lecture (refreshing knowledge)

45 min Workshop 3a (pathofysiology) vs groep 1-3 sim 3 (Sim practice and desision making in treatment)

20 min break

45 min workshop 3b (pathofysiology) vs groep 4-6 sim 3 (Sim practice and desision making in treatment)

20 min rap up

11:30 – 11:45 break

11:45 – 12:30 block 4

20 min lecture (refreshing knowledge)

45 min Workshop 4a (pathofysiology) vs groep 1-3 sim 4 (Sim practice and desision making in treatment)

12:50 – 13:50 Lunchbreak

45 min workshop 4b (pathofysiology) vs groep 4-6 sim 4 (Sim practice and desision making in treatment)

20 min rap up

14:55 - 15:25 break

15:25 – 16:25 discussion hour

16:25 - 16:30 Finish

Block 1 The fitting patient, lecture on differential of convulsions and all toxins that can cause this. Workshop on the mechanism of these convulsions and treatment. Rap up about the clues in the scenario and repeat most important learning objectives?

Block 2 Comatose patient, Lecture on differential of toxins causing a decreased level of consciousness. workshop on bloodgases (anion and osmol gap differential) and specific treatment of several intoxications like salicylates, TCA and tox alcohols? Rap up about the clues in the scenario and repeat most important learning objectives?

Block 3 The resus patient, lecture on cardiotoxic medication and resuscitation. Workshop on last resort options (CPR/ECMO/ intralipid/inotrope to choose etc). Rap up about the clues in the scenario and repeat most important learning objectives?

Block 4 The arrhythmic patient, Lecture on differential of arrhythmic drugs, workshop on abnormal ECG’s and treatment of arrhythmia in intoxication. Rap up about the clues in the scenario and repeat most important learning objectives?