

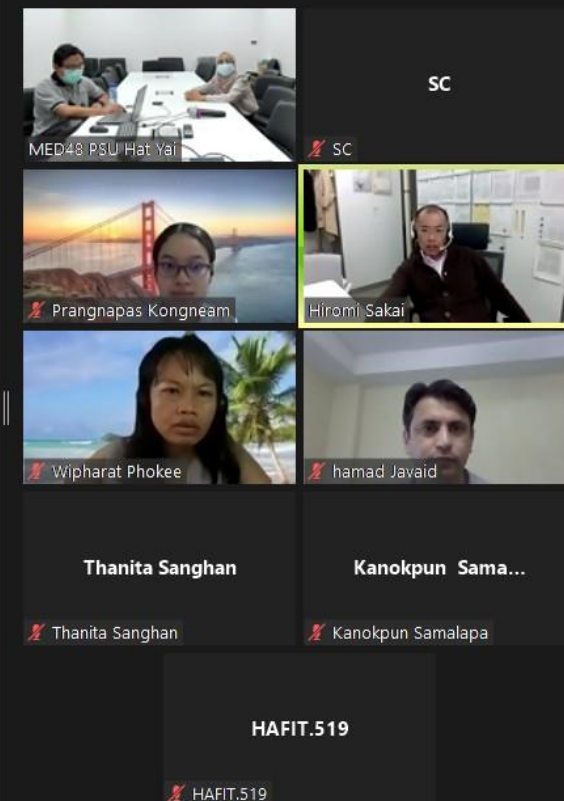
OSAKA, 大阪



 MED48 PSU Hat Yai	SC SC
 Prangnapas Kongneam	 Hiromi Sakai
 Wipharat Phokee	 hamad Javaid
Thanita Sanghan Thanita Sanghan	Kanokpun Sama... Kanokpun Samalapa
HAFIT.519 HAFIT.519	



at Nara Medical Univ. (2017)



Color change of hemoglobin



oxyhemoglobin
 HbO_2

deoxyhemoglobin
deoxyHb

methemoglobin
metHb

carbonylhemoglobin
 HbCO

(cherry red)



SC

SC



Kanokpun Sama...

Kanokpun Samalapa

