

**DEVELOPMENT OF A CLINICAL PAIN SCALE  
FOR PRETERM NEONATES**



**PATCHAREE WORAGIDPOONPOL**

**DOCTOR OF PHILOSOPHY  
IN NURSING**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
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**DEVELOPMENT OF A CLINICAL PAIN SCALE  
FOR PRETERM NEONATES**

**PATCHAREE WORAGIDPOONPOL**

**A THESIS SUBMITTED TO THE CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
IN NURSING**

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF  
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