

**ESTIMATES OF FUTURE DENTAL HEALTH MANPOWER  
NEEDS FOR THAI SCHOOLCHILDREN USING  
A SOCIODENTAL APPROACH**

**NARUMANAS KORWANICH**

**DOCTOR OF PHILOSOPHY  
IN DENTISTRY**

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**THE GRADUATE SCHOOL**

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**NARUMANAS KORWANICH**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY**

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THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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Assist. Prof. Dr. Songvuth Toungratanaphan

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