

**TCTR ID : TCTR20201207001**

**Overall Recruitment Status :** Pending (Not yet recruiting)

**OTHER ID :**

**Retrospective registration**  
**This protocol was registered after enrollment of the first participant.**

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**Tracking Information**

First Submitted Date : 05 December 2020  
First Posted Date : 07 December 2020  
Last Update Posted Date : 06 December 2020

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**Title**

Public Title : IPACK and Adductor Canal Block versus Periarticular injection for controlling pain after Total Knee Arthroplasty.  
Acronym : No Data  
Scientific Title : IPACK (Interspace Between the Popliteal Artery and Capsule of the Knee) and Adductor Canal Block versus Periarticular injection for controlling pain after Total Knee Arthroplasty.  
Sponsor ID/ IRB ID/ EC ID : IRB P3-0099/2563  
Registration Site : Thai Clinical Trials Registry  
URL : <https://www.thaiclinicaltrials.org/show/TCTR20201207001>  
Secondary ID : -

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**Ethics Review**

1. Board Approval : Submitted, approved  
Approval Number : P3-0099/2563  
Date of Approval : No Data  
Board Name : Institutional Review Board of Naresuan University  
Board Affiliation : Naresuan University  
Board Contact : Business Phone : 05596 5296 Ext. No Data  
Business Email : nu-irb-board3@nu.ac.th  
Business Address : Institutional Review Board of Naresuan University, 99 Naresuan University, Tha-Po, Phitsanulok, Thailand

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**Sponsor**

Source(s) of Monetary or Material Supports : None  
Study Primary Sponsor : None  
Responsible Party : Name/Official Title : Artit Laoruengthana  
Organization : Faculty of Medicine, Naresuan University  
Phone : +66851102799 Ext. No Data  
Email : artitlao@gmail.com  
Study Secondary Sponsor : None

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**Protocol Synopsis**

Protocol Synopsis : No Data  
URL ( Link to project website / Link to protocol website ) : No Data  
Date : No Data  
Version : No Data

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**Health Conditions**

Health Condition(s) or Problem(s) Studied : postoperative pain  
Keywords : total knee arthroplasty postoperative pain adductor canal block Interspace Between the Popliteal Artery and Capsule of the Knee periarticular injection

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**Eligibility**

Inclusion Criteria : all patients who underwent TKA by single surgeon

Gender : Both  
Age Limit : Minimum : 20 Years Maximum : 90 Years  
Exclusion Criteria : inadequate data collection  
Accept Healthy Volunteers : No

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**Status**

Overall Recruitment Status : Pending (Not yet recruiting)  
Key Trial Dates Study Start Date (First enrollment) : 04 December 2020 Indicate Type : Anticipated  
Completion Date (Last subject, Last visit) : 31 January 2021 Indicate Type : Anticipated  
Study Completion Date : 30 April 2021 Indicate Type : Anticipated

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**Design**

Study Type : Observational  
Primary Purpose : Treatment  
Number of Groups : 2  
Study Endpoint Classification : N/A  
Sample size  
Planned sample size : 90  
Actual sample size at study completion :  
Observation Group 1  
Group name : Periarticular injection  
Group Description : Patient who underwent total knee arthroplasty (TKA) and received periarticular injection for controlling postoperative pain.  
Observation Group 2  
Group name : ACB+iPACK  
Group Description : Patient who underwent total knee arthroplasty (TKA) and received ACB (adductor canal block) and iPACK (Interspace Between the Popliteal Artery and Capsule of the Knee) for controlling postoperative pain.

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**Outcome****Primary Outcome**

1. Outcome Name : Postoperative pain  
Metric / Method of measurement : Visual analog scale for pain intensity  
Time point : 6h, 12h, 24h, 48h, 72h  
2. Outcome Name : Morphine use  
Metric / Method of measurement : amount of morphine use via PCA  
Time point : 24h, 48h

**Secondary Outcome**

1. Outcome Name : range of knee motion  
Metric / Method of measurement : goniometer  
Time point : 24h, 48h, 72h

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**Location****Section A : Central Contact**

Central Contact	First Name : Artit Degree : MD	Middle Name : Phone : +66851102799 Ext. : No Data	Last Name : Laoruengthana Email : artitlao@gmail.com
Central Contact Backup	First Name : Piti Degree : MD	Middle Name : Phone : 0869966995 Ext. : No Data	Lastname : Rattanaprichavej Email : pt-rp@hotmail.com

**Section B Facility Information and Contact**

1. Site Name : Naresuan University hospital  
City : Phitsanulok State/Province : Thailand Postal Code : 65000

Country : Thailand

Recruitment Status : Recruiting

**Facility Contact**

First Name : Artit

Middle Name :

Last Name : Laoruengthana

Degree : MD

Phone : +66851102799 Ext. : No  
Data

Email : artitlao@gmail.com

**Facility Contact Backup**

First Name : Piti

Middle Name :

Last Name : Rattanaprichavej

Degree : MD

Phone : 0869966995 Ext. : No Data

Email : pt-rp@hotmail.com

**Investigator Name**

First Name : Artit

Middle Name :

Last Name : Laoruengthana

Degree : MD

Role : Principal Investigator

**Section C : Contact for Public Queries (Responsible Person)**

First Name : Artit

Middle Name :

Last Name : Laoruengthana

Degree : MD

Phone : +66851102799 Ext. : No  
Data

Email : artitlao@gmail.com

Postal Address : 99 Naresuan University hospital

State/Province : Thailand

Postal Code : 65000

Country : Thailand

Official Role : Study Principal Investigator

Organization Affiliation : Faculty of Medicine, Naresuan University

**Section D : Contact for Scientific Queries (Responsible Person)**

First Name : Artit

Middle Name :

Last Name : Laoruengthana

Degree : MD

Phone : +66851102799 Ext. : No  
Data

Email : artitlao@gmail.com

Postal Address : 99 Naresuan University hospital

State/Province : Thailand

Postal Code : 65000

Country : Thailand

Official Role : Study Principal Investigator

Organization Affiliation : Faculty of Medicine, Naresuan University

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**Deidentified Individual Participant-level Data Sharing**

Plan to share IPD : No Data

Plan description : No Data

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**Publication from this study**

MEDLINE Identifier : No Data

URL link to full text publication : No Data

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