

GREATS

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THAMMASAT
UNIVERSITY
THAILAND



GLOBAL MINDSET

THAMMASAT DIPLOMATIC FORUM 2015

It is eighty years of pride that Thammasat University has provided education for all, giving opportunities to young generations 'to learn to love the people' and 'to contribute to the community'. Throughout the path on our history, the spirit of Thammasat as the University for the People has been established and known as one of the three pillars of the vision. In this regard, having been recognised

As one of the nine research universities in Thailand, Thammasat University offers teaching, research, training and educational service to achieve academic excellence as a 'quality' research university which can think and work globally to answer local problems.

Thammasat as a member of global network has put its best efforts in promoting internationalisation. Besides international programmes, international scholars and international students, we consider it highly important to keep our community up-to-date about global issues so that we can raise awareness and shape appropriate form of responses towards a particular matter of interest. This surely reinforces the quality research university and creating and disseminating knowledge for the benefit of the people.

Setting in Sanya Dharmasakti Conference Room in the Dome Building, Thammasat Diplomatic Forum began on the 9th of February



Prof. Dr. Somkit Lertpaithoon, Rector, welcomed H.E. Mr. Thierry Viteau

2015, which welcomed H.E. Mr. Mark Kent, British Ambassador to Thailand to speak about 'Education in the United Kingdom'. A couple days later, on the 11th of February 2015, we were honoured to have H.E. Mr. Thierry Viteau, French Ambassador to give lecture on 'Climat Paris 2015'.

Recently, on 25th March 2015, H.E. Mr. Andelfo Jose Garcia Gonzalez, Colombian Ambassador to Thailand, kindly extended his warm visit to Thammasat and gave lecture on 'Colombia: Country of Opportunities'. All special lectures given by His Excellencies are eye-opening, inspiring and enlightening.

Thammasat Diplomatic Forum is organised periodically throughout the year as a platform for Excellencies and high-level diplomats of respective countries to extend their knowledge and share their views in any aspects of particular interests and current issues. The forum opens to public. Thai and international students as well as professors have particularly enjoyed Q&A session which is stimulating and insightful.



TEAM LEADER

THAMMASAT UNIVERSITY IMPROVES ITS EDUCATION PROCESS TO TRAIN GRADUATES FOR THE 21ST CENTURY, CAPABLE OF COPING WITH GLOBAL AND POLITICAL ISSUES WHILE MAINTAINING THE TRADITIONAL MORALS AND SPIRIT OF THAMMASAT.



Thammasat University (TU) aims to produce graduates to be leaders in the 21st century, and to become one of the top five universities in ASEAN. To do this, TU has changed their approach to education from the bottom up. The University is placing an emphasis on studying real-life problems and solutions, while understanding the social responsibility involved. This new approach would be introduced in the first year and continue on through to graduation invoking the traditional spirit of the University.

Professor Dr. Somkit Lertpaithoon, rector of TU has said that in the last 3 years, TU has implemented 3 main policies in this regard. These are: promoting research, diversity, and being for the people. From 2015-2017, in order to move TU towards its main aims, TU will be pushing these 3 policies more than ever. In addition, TU will be introducing the Active Learning program where students will go out and solve real world issues with their academic training and research. The program will also closely examine problem-based, case-based, and search-based approaches.



There are 5 specific goals that TU aims to achieve with this new learning approach as a step towards internationalization. These are: 1) providing education that meets international standards through offering high quality courses that convey the needs of society. 2) Creating partnerships with universities abroad, offering exchange programs for both faculty and students alike; as well as offering additional scholarships for international students. 3) Making research and academic knowledge available to the public. Promoting and implementing research, invention, and innovation that will improve quality of life, public policy, and society. 4) To set an example of good governance for the public in the way that it administers in both the public and private sectors in accordance with the University Institute for Peace through Education as well as the Thammasat Anti-Corruption Institute. 5) To cultivate the spirit of Thammasat by teaching students about public consciousness and social responsibility and by encouraging staff to uphold fairness.

RESPONSIBILITY

DEVELOPMENT OF ATB-HA BEADS FOR OSTEOMYELITIS

Osteomyelitis is an infection of the bone. Treatments are included antimicrobial therapy, irrigation and debridement, bony stabilization, and dead space management. The high dose and prolonged systemic antibiotic (ATB) may induce toxicity to the patients. To overcome these risks, the use of local high-dosage of antibiotic delivery was proposed. The polymethylmethacrylate (PMMA) is widely used as a local antibiotic carrier, but major problem is the requirement of PMMA removal with or without bone grafting by a second surgical procedure. The hydroxyapatite (HA) bio-ceramic which is generally used as the bone substitute has been applied as an antibiotic delivery system that helping to fill the dead space and also encouraging the repair of osseous defect while releasing high concentration of antibiotic which eliminating the second surgical procedure. The purposes of the study were to develop the hydroxyapatite beads antibiotics, and performed the usage in clinical trial.

Materials and Methods

The development process of antimicrobial-impregnated HA beads was performed in National Science and Technology Development Agency, Pathumthani, Thailand by Suwanprateep J et al. as shown in picture and approved in animal study using the pig's skull.

In the clinical trial, the study protocol was

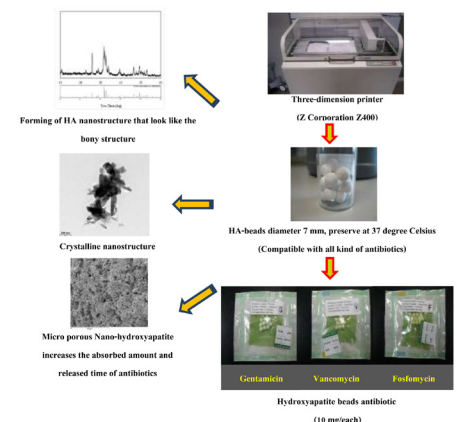
reviewed and approved by the ethical committees of the faculty of medicine, Thammasat University. All the participants signed the informed consent before being studied. Inclusion criteria include acute osteomyelitis, chronic osteomyelitis, and infected nonunion of fracture. The clinical evaluations include the vital signs, surgical wound condition, health status and daily activities post-operative were evaluated at immediate post-operative, 6 weeks, 3 months, 6 months and 1 year respectively.

The laboratory evaluation including complete blood count (CBC), erythrocyte sediment rate (ESR), C-reactive protein (CRP), and radiographic examination were also evaluated at immediate post-operative, 6 weeks, 3 months, 6 months and 1 year respectively. Some of clinical evaluations were shown in picture 2.

Results

From March 2010 to February 2013, total 32 osteomyelitis patients were included. Male and female were 24 and 8 patients respectively. Average age was 46 years old. The total of ATB-HA beads used 1,206 beads (range = 6-170 beads)

There was no patients experienced allergy to ATB-HA beads, the clinical conditions of all



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patients were better without any complications. Blood test was within normal limited after 6 months of treatment in all patients and radiographic union were achieved. All patients could return to normal daily activities within 1 year post-operative.

Conclusion

Microporous nano-hydroxyapatite as preoared in this study could be impregnated by various antibiotics to produce multi-purposed local drug delivery bone graft and could potentially be used for osteomyelitis treatment without complications.



GLOBAL MINDSET

THAMMASAT UNIVERSITY'S INSTITUTE OF EAST ASIAN STUDIES ORGANIZED INTERNATIONAL THAMMASAT SEMINAR 2015

During January 6th - 12th Thammasat University's Institute of East Asian Studies had organized the international Thammasat Seminar 2015. The topic of discussion was ASEAN Youth in the ASEAN Community and the Global Community. The seminar was presided over by Prof. Dr. Somkit Lertpaithoon, Rector of Thammasat University, at the Institute of East Asian Studies at the Rangsit campus.

Currently, Southeast Asia is receiving a lot of interest, in particular, for its rapid economic growth. It is also setting an example in the integration of countries in order to strengthen trade, politics, and economy on the international stage. This new level of cooperation is known as the Association of Southeast Asian Nations (ASEAN), and should prove to be an important method of growth and teamwork for all the countries involved. It is the goal of ASEAN to bring about new levels of peace, economic prosperity, and well-being for all of its citizens on the basis of equality and mutual benefits.

In addition, one of the most significant changes in the 21st century is that there is now a new awareness towards challenges

faced both globally as well as regionally. It is perhaps more important than ever to promote unity in order to help each other deal with issues like natural disasters, climate change, terrorism, inequality, natural resources, human trafficking, and epidemics. Unity means working together to solve these problems for a brighter, sustainable future. Human resources are especially important as they lie at the heart of the solution. This can be accomplished by raising public awareness, and denouncing discrimination in the citizens of ASEAN, as well as in global citizens.

Thammasat University has had a long standing history in the education and social development of Thailand. For this reason, the University has always recognized the importance of developing the Southeast Asia studies program both on the national and regional levels. Thammasat has strived to create the leaders of tomorrow who can make a real difference in the world. This commitment, and support towards the Southeast Asian program is what prompted the University to organize the Thammasat Seminar 2015 on 'ASEAN Youth in the ASEAN Community and the Global Community'. The seminar ran from January 6-12 2015. 18 students from some of the top ASEAN universities (2 from each ASEAN member state) were invited to attend the seminar as well as 5 students from Thailand (2 from Thammasat University, and 1 from Chulalongkorn University, Mahidol University, and Chiangmai University respectively) totaling 23 students in all.

Assistant Professor Dr. Kitti Prasirtsuk, director of the Institute of Southeast Asian Studies at Thammasat University spoke on the importance of the project.

"Firstly, we want to build a network in order to exchange views and opinions between



Right : Assistant Professor Dr. Kitti Prasirtsuk

students in the region. This should be a collaborative network as it will serve to shape the future of ASEAN. Second of all, the aim is to impart a greater understanding in that of the students in Southeast Asia on global consciousness, problem solving, and regional challenges of the 21st century. Last of all, is to have the youth get involved in global and regional solutions, thus redefining the role of youth in ASEAN society."

On the last day of the event, the ASEAN Youth Declaration was released. The declaration was the result of the joint effort from the members of the event debating, as well as sharing knowledge and results on three main topics. These topics included: Politics and International Relations, Economics and Business, and Socio-Cultural. Later, the rector of Thammasat University presented certificates to the participants and everyone gathered together for a photo opportunity.

TEAM LEADER

MMIC

The International Aspects of the Faculty of Commerce and Accountancy

The Faculty of Commerce and Accountancy strives to create an international atmosphere in learning, teaching, research, and networking; as well as through international certification standards. Performances in the year 2014 will be accredited by EQUIS. In addition, the faculty is in the process of acquiring accreditation of AACSB (The Association to Advance Collegiate Schools of Business) having already passed the initial self-evaluation report requirements. This in and of itself is a good indication of the quality of our programs.

In the 2014 academic year alone, the faculty had 233 students take part in its exchange programs with leading universities from around the world. The incoming exchange students were made up of 98 undergraduates, and 33 graduates totaling 131 students whereas the outgoing exchange students were made up of 100 undergraduates, and 2 graduates, totaling 102 students. Additionally,



the faculty also routinely organizes international seminars, most recently the 2014 EQUIS and EPAS Accreditation Seminars with Prof. Dr. Sriluck Rojanakitamnuay as the keynote speaker; as well as taking part in the 8th Global Social Venture Competition 2014-2015 around Southeast Asia and the Asia Venture Challenge 2015.



Student Achievements on the International Stage

In 2014, students from the faculty participated in a number of international academic competitions. They performed admirably and won many awards. Most notable were the 1st and 2nd place international team awards in the McGill Management International Case Competition 2015 at McGill University in Canada, the 1st and 2nd place as well as Best Presenter awards at the 2014 CIMA Global Business Challenge – Thailand Final organized by the Chartered Institute of Management Accountants, and finally the 1st place award at the CFA Research Institute Challenge in Thailand organized by the CFA Society of Thailand.

THE SCHOOL OF GLOBAL STUDIES, THAMMASAT UNIVERSITY

The School of Global Studies at Thammasat University is a pioneer in Global Studies and Social Entrepreneurship in Thailand, Southeast Asia, and beyond.

Our Vision

"Leaders for an equitable world"

Our Mission

We are a higher education institution, advancing life-long learning and knowledge creation, to inform the practice of equitable social change in a globalizing world.

Our Values

At SGS we consider inequity to be a driving determinant of social injustice. We regard the unfair distribution of the benefits and burdens of society to be a result of inequitable power relations and unequal access to political, economic and cultural rights and opportunities. We believe that social justice is necessary to achieve human security - essential freedoms, responsibilities and entitlements for survival, livelihood, and dignity - in order to achieve a more just and equitable society.

BA GSSE Program

The BA Global Studies and Social Entrepreneurship (GSSE) is a 4-year international program that combines multiple disciplines - Social Sciences, Environmental Studies, Communication Studies, Business Administration, and Social Innovation - to produce well-rounded, socially-minded graduates with sound business skills. Each year,

students undertake a social innovation project, working in teams to tackle real-world challenges and develop innovative solutions to solve, sustain, and scale impactful interventions. Students are encouraged to develop successful projects into sustainable social enterprises.

MPH Global Health Program

SGS's graduate program was the first of its kind in Asia to focus on Global Health and is unique in its emphasis on social determinants of health inequities and socio-political approach to promoting peoples' wellbeing. Adopting a South-to-South focus on inter-regional capacity building, key features of the program include its extraordinarily diverse student body and student-centered approach to teaching-learning. Students develop critical thinking and problem solving skills by tackling real-world problems in the field of global health, acquiring applied knowledge and skills that prepare graduates to become leaders of tomorrow.

Research and Service

We provide a multi-disciplinary environment for students and faculty to collaborate and take problem-based and holistic approaches to issues affecting human security and wellbeing in globalizing societies. With professors and students from Africa, Australia, Asia, Europe, and the USA, drawing on diverse professional backgrounds from organizations such as the UN, WHO, ADB, World Bank, UNICEF, CDC, USAID, as well as various civil society organizations such as Ashoka, we are a diverse community where learners connect and become engaged global citizens.



Ongoing research includes projects on health and climate adaption in coastal cities, alternative childcare policies and practices, disaster management, factors affecting HIV exposure, and Thailand's Special Economic Zones. Academic service engagements include the training and certification of healthcare workers in refugee camps along the Thai-Myanmar border in partnership with the IRC and EU; a summer course in Border Health with the University of California; and the incubation of 27 teams of high potential social entrepreneurs in our social innovation lab, G-Lab, funded by JP Morgan Chase Foundation.

