



## Weekly Report Rakuno Gakuen University Name Fumi Miyake

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Sept 9 (Sat)	
Sept 10 (Sun)	
Sept 11 (Mon)	<p>This was the first day of my clinical rotation in Kasetsart University. I started this rotation with the anesthetic department for soft tissue surgery. The doctor who taught me how to write an anesthetic report was so kind that I managed to do my task 2 surgery today. I had heard from my senior that we will rotate with some Thai students and they will tell us how to do something in various situations. So I felt nervous especially when I left alone in the lunch time. Fortunately, I caught Thai students by chance and took a lunch together.</p> <p>At the evening, we had an exchange party, with Thai students who are going to go to Japan in AIMS program. It was fun. I could make friends there.</p> <p>All of that, I was so tired today. I would like to go to bed earlier.</p>
Sept 12 (Tue)	<p>It was the second day of my rotation. I saw 2 surgery and wrote each anesthetic record. The first surgery was mass tectomy of jejunum and the second one was emergency surgery. Nevertheless I made much effort, it was difficult for me to understand all of that.</p> <p>After school, My Thai friends took me to the dinner. I ate "pattai" for the first time. They introduced me to Thailand's street food named "tokyo". I don't know the name's origin. It was nice.</p>
Sept 13 (Wed)	<p>It was the third day of my clinical rotation. I saw 2 surgery and wrote each anesthetic record. The first surgery was Rt. FHNE of right acetabulum fracture. The second one was emergency prepubic hernia surgery.</p> <p>After school, I went to dinner with my friends. I ate something like chahan. I thought it was the best I had ever eaten during my stay in Thailand. The menu was Thai language only so I could not know the name of it.</p>



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<p>Sep.14 (Thu)</p>	<p>It was the forth day of my clinical lotation. I saw 3 soft tissue surgery and wrote each anesthetic record. The first surgery was mastectomy of must cell tumor. The second one was also mastectomy of must cell tumor. The third one was mastectomy of vagina and its Biopsy and ovariohysterectomy.</p> <p>After school, I wrote clinical lotation anesthetic reports. I could not finish it today, so I will do my best tomorrow.</p>
<p>Sep.15 (Fri)</p>	<p>It was the fifth day of my clinical lotation. I saw interesting soft tissue surgery. The diagnosis was acetabulum fracture and the procedure was Left FHNE. She had taken urinary bladder suture, left ureteroncocystotomy, and OVH surgery because she had hit by car about a month ago. This time, we did not know whether her acetabulum fracture caused then or long ago because there was some degree of bone building at acetabulum.</p> <p>After school, I went to dinner with my friends, then finally finished writing anesthetic report. It was a pleasure.</p>



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Sept 18 (Mon)	<p>Orthopedics week starts. Today, I did assistant of Dr. Sirun. The first patient was Affenpinscher who was taken patellar luxation and anterior cruciate ligament rupture surgery in specific way. The second patient was a Pomeranian who was taken medial patellar luxation surgery in normal way which is called Lateral arthrotomy and medial desmotomy. The third patient was a Yorkshire terrier who was taken femoral head and neck ostectomy. He had been hip luxation with his left limb. The end of today, I was able to do the assistant of conjunctival flap surgery. It was my pleasure because I belong to ophthalmology department in Japan and interested in ophthalmology.</p>
Sept 19 (Tue)	<p>I learned a lot from seeing various cases. One case in the morning and one case in the afternoon were canceled, so today I saw just one case of scheduled surgery. This case was left femur fixation of a dog. The doctor used lateral approach, then fixed this fracture with two pins and two orthopedics wires. He did not need a screw because she was a young dog. After that I saw two emergency cases of tibia fracture and conjunctivitis flap.</p>
Sept 20 (Wed)	<p>The most impressed case was right distal femur fixation of a cat. Dr. Sirun used intermarrow pin and external fixator compression of type1 and type2. Since the diaphysis has a tibial nerve, he avoided it when he applied pins. He chose cheaper materials to lessen the cost. The cost is a big problem when giving a treatment to animals in Thailand. After surgery he taught me about the surgery in detail. His surgery was speedy and the technic was flexible. I learn a lot from him.</p>
Sept 21 (Thu)	<p>The first patient was scheduled to remove a pin. But we could not because the surgical wound was bad condition. The doctor decided to remove the pin in two months. The next patient was also scheduled to remove pins. The doctor anesthetized the cat, soon removed the pins only with her hands. I was so surprised that it was speedy and easy procedure than I expected.</p>
Sept 22 (Fri)	<p>I saw bone graft for the first time. The dog had fractured his femur and took surgery before, but his bone could not cure by itself and time went. Dr. Sirun decided re-surgery and chose bone graft because he thought the femur caused faulty union. First, Dr. Sirun collected bone marrow from the dog's ilium. Then stabilized two major bone fragments with a plate and screws. Finally he put collected bone marrows between these bones with his hands. It was so dynamic surgery.</p>



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Sept 23 (Sat)	
Sept 24 (Sun)	
Sept 25 (Mon)	The soft tissue week started. The most impressed surgery was scrotal urethrostomy. This patient was a dog diagnosed that urethral stenosis and calculi. First, the doctor did castration. Second, he made a midline incision over the urethra through the subcutaneous tissue. Third, he made a 3- to 4-cm incision into the urethral lumen. Finally, he sutured the urethral mucosa to skin with simple interrupted sutures. The surgical wound healing will take 7-10 days. So he settled a urethral catheter to prevent inspection until then. It was so interesting.
Sept 26 (Tue)	I saw inguinal cryptorchid surgery, left prenil hernia surgery, and OU entropion. Entropion surgery was the most interested for me. This surgery was so delicate that the doctor used 4-0 suture for eyelids. He sutured not only eyelid but also the forehead skin to up the extra skin on the eyelid. I was surprised that the doctor was wearing the microscope on his head.
Sept 27 (Wed)	I did assistant for 2 cases. I was tired because both surgeries lasted for long hours. The first one was penile amputation and scrotal amputation and scrotal sac amputation. The second one was dermoid cyst of Thai Ridge-Back. I was able to learn a lot from the case because the doctor taught me many about the patients and let me suture the subcutaneous tissues and cutaneous tissues.
Sept 28 (Thu)	I followed Dr. Wijit all the day. From morning to evening, I did assistant of his surgery. After that, he took some Japanese exchange students to badminton. We played badminton with a lot of fun. Then we ate dinner at nice restaurant with good entertainment. Thanks to Dr. Wijit, I was able to have a pretty time and refresh.



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Sept 29 (Fri)	Surgery was done in the morning so we were free in the afternoon. We went to buy KU T-shirt to main campus but the shop was closed. It was disappointing. In the night, I went to China-town with some Todai students and their Thai friends. The Thai boy talked so much and so bright. We ate Chinese foods and went to a famous night market. It was fun.
Sept 30 (Sat)	
Oct 1 (Sun)	
Oct 2 (Mon)	The three weeks of medicine started. I followed Dr. Boedin in neurology department. I asked history to owners in English. At that time another doctor translated my English to Thai language for Thai owners. From 5 p.m., I attended a pain seminar held by Dr. Bordin. Because it was Thai language, I could not understand the seminar at that time. But after finishing the seminar, another doctor re-taught me the content of the seminar in English. I was appreciated Dr. Bordin and other doctors for kindly teaching a lot of things. I was able to learn a lot.
Oct 3 (Tue)	The second day of neurology. I performed neurological examination to most patients. Sorry to the owners, it took long time to do all examinations because I had not been familiar with it. In the end, I got to perform the examination soon, although it was not as good as doctors. In addition, I felt that my history taking was much improved than yesterday. Although these were all new and difficult for me, I learned a lot in the neurology department, thanks to the doctors.
Oct 4 (Wed)	I followed Dr. Shathidpak in Gastroenterology department. Normally she has 7-10 cases in the morning, but unfortunately she had only one case today. She was so kind that she taught me not only about the patient in detail but also other knowledges related to the case.



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Oct 5 (Thu)	I followed Dr. Anchulee in OPD. OPD is the short term of out patient department. I saw more than 10 patients in the morning. The diseases were chronic wound at both hocks, mass at under left ear, transitional cell tumor, radius fracture and so on. It was much interesting for me to see various diseases because in Japan I could see only cases that were introduced by home doctors.
Oct 6 (Fri)	I followed Dr. Aree in ophthalmology department. This was one of what I wanted to do in Thailand. Fortunately, I could understand most of her teaching because I was familiar with ophthalmology and studied its technical terms in Japan. So in this department I was able to compare with Japan and Thailand in many ways and thought the advantages and disadvantages about both styles.
Oct 7 (Sat)	
Oct 8 (Sun)	
Oct 9 (Mon)	Urinology department was interested. I did physical examinations including blood pressure measurement. I had many chance to measure blood pressure because renal failure can highly rerated to hypertension. It was my first time to use Doppler technique. I was surprised that I could measure blood pressure much faster than oscillometry. About the content of patients, there were many cases of Feline lower urinary tract disease. I used to know much about the disease, so I was able to learn deeper about the disease.
Oct 10 (Tue)	I learned radiology. I was bored in the morning but studied in the afternoon. In the morning I was just seeing X-ray, because nobody around me could speak English so I could not ask any questions. In contrast to the morning, I learned much in the afternoon. The doctor told me about CT and MRI in detail from the basis. In the middle of his lecture, he said that I will be an expert of CT and MRI after this lecture was over. A sense of humor.



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Oct 11 (Wed)	At first I was planned to see clinical care unit, but the doctor had not come, in the end, I went to gastroenterology department. Most of the cases had liver failure or thrombocytopenia or both. About thrombocytopenia, I heard that in Thailand there are more cases related to blood parasite disease. And about liver disease, if doctors found abnormalities on blood test in liver indicators, normally they perform liver biopsy in order to determine the cause and proper treatment. But in Thailand, some owners do not want to do liver biopsy because of the cost problem so it is more difficult to give proper treatment about the liver disease. Cost seems to be a big problem in giving veterinary treatment in Thailand.
Oct 12 (Thu)	I went to neurology department in the morning because the OPD doctor had not come. The first case was a dog with Alzheimer. As the doctor say, the patient used to have neurological clinical signs of Alzheimer but it has gotten better after the doctor started giving Activait, a kind of anti-oxidant drug. I was surprised because I did not know there were any treatments about Alzheimer.
Oct 13 (Fri)	
Oct 14 (Sat)	
Oct 15 (Sun)	
Oct 16 (Mon)	I followed Dr. Nirut in neurology. I think there were many cases of tumor. For example, multiple myeloma, mammary gland tumor, hemangiosarcoma, and schwannoma. Some of these were malignant and the patients looked so painful. I felt sad when I thought about the owner's feelings.





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Oct 17 (Tue)	I had some cases in the morning and was free in the afternoon. The most impressed case was a dog that prolonged Ovaryhisterectomy because of her high ALT level. He decided not to do the surgery, because it was not urgent and he was afraid of the risk of anesthesia. In this ALT level, whether do the surgery or not is depend on individual doctors. He said that he will not decide surgery unless he can say with confidence that the surgery is safe.
Oct 18 (Wed)	I went to radiology department. In the morning, although the doctor was absent, I managed to study by myself. After that another doctor came and taught us about CT, MRI and radiotherapy. Radiotherapy was seemed to be difficult. I was so surprised that the radiotherapy machine was big and precise.
Oct 19 (Thu)	I saw some OPD patient in the morning and discussed about some diseases related to a certain patient. I read textbooks during lunch break to prepare for the discussion. The doctor was so kind and gentle, and had a broad perspective on veterinary. I thought it would be good for veterinary world to increase the number of veterinarians like him.
Oct 20 (Fri)	The last day in Bangkok. In the morning I learned from same doctor with yesterday. After that I had lunch at my lovely shop, cut my hair for the first time in Thailand, and ate delicious mango parfait in the famous shop. I did everything that I wanted to do in Bangkok. Tomorrow, I will leave for Khamphaeng Sean. I believe that happy days are waiting for in there, too.
Oct 21 (Sat)	
Oct 22 (Sun)	



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Oct 23 (Sun) Chulalongkorn Memorial Day	No training. Vacation in Bangkok.
Oct 24 (Tue)	No training. Vacation in Chang island.
Oct 25 (Wed)	No training. Vacation in Chang island.
Oct 26 (Thu)	No training. Vacation in Chang island.
Oct 27 (Fri)	No training. Vacation in Chang island.
Oct 28 (Sat)	
Oct 29 (Sun)	



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Oct 30 (Mon)	After orientation, I moved to other campus where I will stay for next one week. Here the dormitory was terrible but other things were so good. My group friends and doctors were kind and the learning environment was great. But after I came back to my dorm, I found many bird feces and died insects on my bed. Because of this, I could not sleep well. I felt I have to be stronger.
Oct 31 (Tue)	The second day at this campus. I went out by a car and saw some farm. The doctor instructed farmers about milking hygiene. After training, I did some homework with some Thai friends. The homework was a bit difficult but they helped me much.
Nov 1 (Wed)	The third day at this campus. I went to some farms and did rectal palpation to some daily cows. It was difficult for me but every Thai student did well. They said they practiced rectal palpation many times to pass the exam one year ago. I got it.
Nov 2 (Thu)	In the morning, there was no training so my Thai friends helped me to write case reports. They were so kind that they translated Thai to English for me. In the afternoon, I went to hospital to take rabies vaccination and see my friend. After came back to campus, I went to see hoof treatment to a farm. I studied much there about white hoof disease.
Nov 3 (Fri)	In the morning, we prepared for the afternoon presentation. The presentation started at 13:30 p.m. and lasted to 15:30 p.m. Presenter could use only English. During discussion, the doctor asked many questions to us. Sometimes it was too difficult for us to answer. But we did our best and finally be able to answer to some questions. It was our first presentation and be a good experience.
Nov 4 (Sat)	



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Nov 5 (Sun)	
Nov 6 (Mon)	I went to Bangkok campus to learn about exotic animals. I got much homework and discussions. We studied at campus until night. I had difficulty to understand about the cases because in japan I was not familiar with exotic. Thanks to the Thai friends, I managed to finish my homework.
Nov 7 (Tue)	Second day of exotic. We did some case studies and homeworks. We had finished it 3 p.m. and then head to Kamphaeng saen campus. It was easier than yesterday. So I was relieved. But I had still much homework to do.
Nov 8 (Wed)	We went to Mahidol university in the morning. There I took a lecture of wild animal. After came back to our campus, we had small review of this lecture with a wild animal doctor. It was difficult for me to explain what I learned from the lecture in English. But It seemed that the doctor and Thai studens could understand what I said.
Nov 9 (Thu)	No training day but we came together to study. In the morning we prepared for the presentation and in the afternoon only Thai friends had a presentation and discussion with the doctor in Thai. I was a bit bored during this time. After that I had some chat with the doctor and then finished for today's lecture.
Nov 10 (Fri)	No training (the doctor could not come).
Nov 11 (Sat)	



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Nov 12 (Sun)	
Nov 13 (Mon)	Equine unit started. In this unit, 2 groups are studying together. In the morning we took long orientation. In the afternoon, we learned how to perform physical examinations, how to inject, and how to collect blood from horses. Because his activity included only 2 groups, I could look what doctors did closer, and could learn efficiently.
Nov 14 (Tue)	We could see many cases today. It was not what we expected because the doctor had said we will have less case today. We supported doctors much to treat horses. Some horses got hospitalization, and others went back to their home but one of these horses diagnosed to be die soon. Thanks to these patients, I was able to learn a lot.
Nov 15 (Wed)	I met Olivia who was a patient of high fever. We could not find the cause so the treatment was just decrease the high temperature. We tried to decrease the temperature until night. In spite of our efforts, she was not seemed to be getting better. Maybe tomorrow we will continue to do it.
Nov 16 (Thu)	I took care of Olivia all day. Olivia was infused more than 10 L. I prepared cold water with ice and put the towel into it. And then put the cold towel onto Olivia's body to decrease her temperature. I changed the towel again and again. But she did not look good any more. I was very worried about her.
Nov 17 (Fri)	At first we continued taking care of Olivia. After that, we took a class about horses. We took some assignment to finish until afternoon. After lunch, we presented about each assignment and had some discussions. This was finished in the evening. At that time I went to see Olivia, but she did not look okay. Maybe Thai student will take care about her in turn during the weekend.
Nov 18 (Sat)	



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Nov 19 (Sun)	
Nov 20 (Mon)	This morning I took care of Olivia again. But unfortunately she suddenly passed away in the afternoon. Anyone didn't anticipate she will die so soon. We can only say that her condition suddenly changed around noon. I felt sad and did not want to believe that she was died. In the evening necropsy was performed to her. We found some regions with her heart and lung. We are now waiting the result of histology.
Nov 21 (Tue)	Our group had less number of patients. So in the morning, I had some discussion for tomorrow presentation. We were going to present about Olivia. After that I took short lecture and then went to have lunch. In the afternoon, I looked up about draft horses for the discussion that will be held after tomorrow presentation.
Nov 22 (Wed)	In the morning I looked up on the internet about horse diseases for the presentation till the lecture started. In the afternoon, I looked some examinations to horses. That was all I did today. So I did not get so tired.
Nov 23 (Thu)	I went to impact arena in Bangkok. This arena was clean and the free lunch buffet was tasty. Anyway, about study, I attended a lecture about acupuncture in the morning. It was interesting for me. In the afternoon, our group had presentation about Olivia and much discussion. When it comes to other group's turn, I enjoyed listening to them.
Nov 24 (Fri)	The last day in equine unit. But in the morning, I had to go to the university office to make a student card. I need it to prolong the visa. It was fun to wear the real Kasetsart University's uniform. After that I took a group oral examination in equine unit from 2 p.m. By today equine unit had finished. I miss this unit and kind teachers here.
Nov 25 (Sat)	



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Nov 26 (Sun)	
Nov 27 (Mon)	The bovine unite started. I was very tired. In the morning, I did physical examinations to hospitalizations. After that, I helped treatment to out coming patients until around 3 p.m. In the end of the day, I took a lecture from a doctor and got some homework.
Nov 28 (Tue)	No training (I had fever and absent the study).
Nov 29 (Wed)	In the morning, I went to some farms. After having lunch, my group got back to bovine hospital. Then, we moved to another room that has air conditioner, and had small study preparing for tomorrow discussion. After that, Thai friends let me go back to dorm earlier because I was in bad condition.
Nov 30 (Thu)	In the morning to evening, our group went to many farms. I saw various cases. For example, lameness cow which had abscess at sole, ovarian cyst, depress and decrease appetite ccow. From around 5 p.m., my group started preparing for tomorrow presentation. Thai students let me back to my dorm earlier than them at 8 p.m. They worried my condition.
Dec 1 (Fri)	No training (I went to expand visa and could not attend presentation of bovine unit).
Dec 2 (Sat)	



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Dec 3 (Sun)	
Dec 4 (Mon)	In the morning, I took lecture about daily cow differences between Thai and Japan. After that, I took another lecture about presentation this week. According to the doctor, tomorrow is holiday and our presentation day is Thursday so we will have less time to do it. In the afternoon, we went to demonstration farm with the boss there and saw around. After that we discussed about the theme of presentation. That was all we did today.
Dec 5 (Tue)	No training (holiday).
Dec 6 (Wed)	Our group went to demonstration farm. First, we took lecture about reproductive examination. The doctor sometimes spoke Japanese. The lecture was easy to understand and I got some useful new knowledge. After that, we practiced rectal palpation. At that time I could palpate ovary for the first time. Transrectal ultrasonography was a bit difficult for me, but it became a good memory.
Dec 7 (Thu)	It was our last day to work with Thai friends. It became a happy day. I went to study at 11 a.m. And I had some discussion with my group, then, we had lunch together. In the afternoon, our presentation started at around 2 p.m. Our group gave me the role to finish the presentation. That was to say "thank you" in Japanese in the end of English presentation. It must be funny for everybody in the room.
Dec 8 (Fri)	In the morning, I took bovine examination. It was composed of oral examination and paper examination. From 1 p.m., all Japanese students had presentation about our life and study in Thailand. The presentation of each group was interesting to listen. In the night, we had farewell party with Thai friends. It was so much fun. But on the other hand, I still cannot feel like to come back to Japan...





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Dec 9 (Sat)	
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