



Weekly Report The University of Tokyo Name Takuya Ohta

Note: Student must submit this report to the teaching staff at your university each week via e-mail and CC CVE office. Not necessary to report on holidays and weekends unless the training was being held.

<p>July 31 (Mon)</p>	<p>In the morning, we visited the shrimp farm with Dr. Visanu. He told us anything about the farm, for example, about the feed, water, and shrimp. After that we evaluated the water quality. We measured the pH and the concentration of oxygen, NH₃, Ca, Mg. It was a valuable experience.</p> <p>In the afternoon, we have a lecture about the shrimp culture and disease of shrimp. Since I have little knowledge about the shrimp, it was challenging to follow.</p>
<p>Aug 1 (Tue)</p>	<p>In the morning, we have a lecture about aquaculture in Thailand by Dr. Printip. Aquaculture in Thailand is different from Japan.</p> <p>In the afternoon, we visited the guppy farm and were told the management of the water, feed and disease of the fish for selling in high price. After that, we challenged history taking to the farm owner. It was very difficult to narrow down the causes.</p>
<p>Aug 2 (Wed)</p>	<p>In the morning, we learned about the external parasite. After that, I got some sample of gill, fin and mucosa from a guppy and was given an assignment to identify the species of infected parasite.</p> <p>In the afternoon, we had a lecture about anesthesia and surgery in fish and had surgery in practice with Thai students. The fish I had operated died an hour after the surgery because I forgot to give oxygen to water.</p>
<p>Aug 3 (Thu)</p>	<p>In all day, we had lectures about pigs. In the morning, we had a lecture about management of pigs. I didn't know that there are four stages in the pig housing. In the afternoon, we had lectures about swine diseases and the molecular diagnosis. Lectures in all day made me so tired that I didn't have concentration at the last part of the lectures.</p>
<p>Aug 4 (Fri)</p>	<p>We visited the pig farm in Ratchaburi. In the morning, we visited the boar unit and evaluated the semen quality of the boar that had a problem. After that, we visited lactation unit and we saw the newborn piglets and that their skin was cleaned and some powder was put on their body to protect their skin and warm their body.</p>
<p>Aug 5 (Sat)</p>	<p>To Bangkok</p>



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<p>Aug 6 (Sun)</p>	<p>To Bangkok</p>
<p>Aug 7 (Mon)</p>	<p>We had two cases of swine necropsies. Before necropsy, I should find some clinical signs, but I didn't know what pigs are when they had no problems. Moreover, I should have studied pathology and infectious diseases about pigs harder.</p>
<p>Aug 8 (Tue)</p>	<p>In the morning, we had a lecture about the evaluation of the quality of the chick and chicken, and in the afternoon, we visited that the broiler farm. The chickens in this farm go to the local market, so the farm is terrible about the health and feeding. I was surprised that the farm had no disinfection system, even antiseptic solution for boots.</p>
<p>Aug 9 (Wed)</p>	<p>In the morning, we had the necropsy of the chick to evaluate the chick quality. In Japan, I have no opportunity to have chick necropsy, so it was a precious experience for me. Also, I had no idea that the day-old chicks were very important for both hatcheries and broiler farmers.</p> <p>In the afternoon, we had to write the report about that morning and prepare the presentation on Friday.</p>
<p>Aug 10 (Thu)</p>	<p>In the morning, we had the necropsy of the chicken to evaluate the gut health and coccidioid lesion. Since I could compare the chicken and the chick that we had the practice about in the previous day, this practice was a good study for me.</p> <p>In the afternoon, we had to write the report about that morning and prepare the presentation on Friday.</p>
<p>Aug 11 (Fri)</p>	<p>We planted the rice at the event of KPS and prepared the presentation in the morning. In the afternoon, we had a presentation about this 2 weeks. I was responsible for the chick quality that we had on Aug. 8. Although I spent a lot of time to prepare the presentation, I thought I should have studied more about it, especially the unclosed navel of the chick.</p>



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<p>Aug 12 (Sat)</p>	<p>To Phuket</p>
<p>Aug 13 (Sun)</p>	<p>To Phuket</p>
<p>Aug 14 (Mon)</p>	<p>To Phuket</p>
<p>Aug 15 (Tue)</p>	<p>We went to Lopburi Province for 2 days and studied about “Monkey-Human Conflict.” In the morning, we planted trees for monkeys to prevent them from eating away the crops in the fields.</p> <p>In the afternoon, we observed stump tailed monkeys and collected the feces of them at the temple. As soon as we arrived at the temple, the monkeys ran away and hid somewhere. I was so bored and I found that the observation of the animals in wildlife required patience.</p>
<p>Aug 16 (Wed)</p>	<p>In the morning, we went to the office and discuss the non-hunting area in Erawan Mountain. I found that they had many kinds of problems and made an effort to protect the area.</p> <p>In the afternoon, we went to the urban area of Lopburi and observed long tailed monkeys. There are a lot of monkeys on the road, on the roof of the building, on the railway, and anywhere in the city. I think that it is a problem that the city gets dirty by feeding the monkeys.</p>
<p>Aug 17 (Thu)</p>	<p>In the morning, Dr. Nikorn showed us how to administer anesthesia to wild animals like elephants and practiced the darting by using the panel of deer. I had so fun and I was good at the darting.</p> <p>In the afternoon, we had a lecture with high school students and looked around the clinic of wild animals. Then we had a lecture about the medicine and surgery of elephants. We have no opportunity to have lecture about elephants in Japan, so it was so interesting.</p>



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<p>Aug 18 (Fri)</p>	<p>We went to “Salakpra Wildlife Sanctuary,” and we learned about wildlife reintroduction. Since ordinary people are not allowed to enter this area, we had a precious experience. Luckily, we were able to see a wild elephant in the forest.</p> <p>I expected that I can see the animal clinic in this program, but this three weeks we have had little opportunity. It’s disappointing, but I have found that only treatment of animals is not a work of veterinarians.</p>
<p>Aug 19 (Sat)</p>	<p>In KPS</p>
<p>Aug 20 (Sun)</p>	<p>To Nakhon Pathom</p>
<p>Aug 21 (Mon)</p>	<p>We went to Nong Pho and started to stay there for 5 days. I visited only one farm in which cattle had failed to conception. I saw the rectal palpation by the doctor and our member. After we return to the office in Nong Pho, we studied about BCS, the anatomy of the female genital organs and the physical examination in cattle.</p>
<p>Aug 22 (Tue)</p>	<p>We visited six cattle farms in Kanchanaburi to check the reproductive management. I had several opportunities to practice the rectal palpation for pregnancy diagnosis, non-visible oestrus and failure to conception, but it was difficult to touch the uterus by rectal palpation. The doctor said that that was because it was my first time to practice the rectal palpation and I have found that it is very important to experience a lot and be used to the rectal palpation.</p>
<p>Aug 23 (Wed)</p>	<p>In the morning, we visited a farm in Ratchaburi. I performed rectal palpation and got able to touch the uterine cervix and horns. However, it is difficult to perform the pregnancy diagnosis and touch the ovary.</p> <p>In the afternoon, we visited a farm in which they have a cow that had a problem with low appetite, depress and mastitis. The doctor showed me the abnormal pulmonary sound, but it is too difficult for me to detect the point.</p>



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<p>Aug 24 (Thu)</p>	<p>I went to the same farm as yesterday. Yesterday, one cow had mastitis and pneumonia and had clinical signs, fever, low appetite and high respiratory rate like panting. Today, the cow didn't look so bad. The fever went down, the appetite increased and the respiratory rate decreased. I was glad to see the cow recovering by the treatment of a veterinarian.</p>
<p>Aug 25 (Fri)</p>	<p>We had a presentation about the case we selected. My group was responsible for the cow which had retained placenta and hypocalcemia. Since I had a stomachache in the morning, I could not prepare the presentation sufficiently. I felt sorry to the members. And in the presentation in the afternoon the doctors told me some advice and I found that I should have studied more especially about milk fever and retained placenta.</p>
<p>Aug 26 (Sat)</p>	<p>To Chiang Mai</p>
<p>Aug 27 (Sun)</p>	<p>To Chiang Mai</p>
<p>Aug 28 (Mon)</p>	<p>We started VTH Kanphaengsaen today. I visited 3 farms and observed the case of hardware disease, sole ulcer and reproductive problems. Since I was able to observe many kind of cases, it was a good study for me. After I return to KPS, I observed the administration of local anesthesia to block the pudendal nerve and relax the penis. Because the veterinarians rarely have the experience of that local anesthesia, it looked very difficult.</p>
<p>Aug 29 (Tue)</p>	<p>Today I visited 8 farms and observed many cases. The most interesting case was of penile deviation. It was operation for a young bull in order not to fertilize on estrus detection. I had no idea about it. However, after visiting 8 farms, I was very tired.</p>



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<p>Aug 30 (Wed)</p>	<p>Today we stayed KPS and observed the surgery. In the morning, we observed a surgery of a pig that had inguinal hernia. And in the afternoon, we observed limb amputation of a cow. I was satisfied to observe the surgery of large animals.</p> <p>After the practice, we discussed the mastitis and hoof diseases with a doctor. In the discussion, I found that I needed to understand physiology and pharmacology for treatment of animals.</p>
<p>Aug 31 (Thu)</p>	<p>We visited 3 farms. In the first farm, the doctor performed the rectal palpation and artificial insemination. And in the second farm the doctor administrated the medicine to the uterus of a cow that had metritis. I have never seen the injection to a cow's uterus.</p> <p>In the last farm we observed a calf that was panting for a month and we decided to make a presentation about this case.</p>
<p>Sept 1 (Fri)</p>	<p>In the morning, we prepared the presentation and in the afternoon we had. I should have asked the owner or the doctor about the case because we could not answer the question because of insufficient information about the case.</p>
<p>Sept 2 (Sat)</p>	<p>To Hua Hin</p>
<p>Sept 3 (Sun)</p>	<p>To Hua Hin</p>
<p>Sept 4 (Mon)</p>	<p>In the morning, Dr. Theera had a lecture for us about the management of a farm in Thailand and Dr. Adisorn explained the assignment to us.</p> <p>In the afternoon, we visited the demonstrating farm in KPS and Mr. Supot showed us the farm. After that, we decided the subject of research.</p>



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<p>Sept 5 (Tue)</p>	<p>In the morning, we practiced rectal palpation. In this practice, we used ultrasonography and confirmed the content in an ovary. Luckily, I observed the ovary that had tumor and found the difference between ovary in tumor and cystic ovary in ultrasonography.</p> <p>In the afternoon, we measured the lameness score for our assignment. It was difficult to measure but I did my best.</p>
<p>Sept 6 (Wed)</p>	<p>In the morning we trim the hoof of the cows which had bad lameness score according to the observation on the previous day.</p> <p>In the afternoon, we dealt with the data of the lameness score and the milk production and prepared the presentation on the next day.</p>
<p>Sept 7 (Thu)</p>	<p>We had the presentation about the hoof management in the demonstrating farm. I found that it was difficult to conclude according to the data because the milk production is influenced not only by the lameness score but also by many other factors.</p>
<p>Sept 8 (Fri)</p>	<p>We had an oral examination in bovine unit this three weeks. Since I have never had the oral test in Japan, I was nervous. However, teachers relaxed me and I had the exam with relaxed. I should have studied more especially about the tropical diseases such as babesiosis.</p> <p>This is the last day in KPS. It was a very good study to stay in KPS.</p>
<p>Sept 9 (Sat)</p>	<p>We move to Bangkhen campus and Miss Khai and KU students showed us the campus and animal hospital.</p>
<p>Sept 10 (Sun)</p>	<p>To Bangkok</p>
<p>Sept 11 (Mon)</p>	<p>This is the first day in Bangkhen. Our practice starts from surgery unit. And this week we are in orthopedic surgery unit. I was able to be the assistant about the cases of the cranial cruciate ligament rupture, ulnar fracture and femoral head and neck excision. I am interested in the joint disease, so I was glad to be an assistant of the case of CCLR.</p>



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<p>Sept 12 (Tue)</p>	<p>Today I observed the cases about the tarsal medial collateral ligament rupture and the femoral fracture. Before the operation of the tarsal ligament, Dr. Boom showed us the stressed radiograph of the tarsal joint. I had no idea about this way of diagnosis by the radiograph. Moreover, I had an opportunity to perform the regional nerve block by the ultrasonography.</p>
<p>Sept 13 (Wed)</p>	<p>I was an assistant of Dr. Sirun. His operation was very fast and it was hard for me to follow during the operation, but after the surgery, he taught me about the operation kindly. And it was the first time to observe the operation of the mandibular fracture. I had no idea that there are three ways to reduce the mandibular fracture, application of wires, application of bone plates and screws, and external skeletal fixation.</p>
<p>Sept 14 (Thu)</p>	<p>Today I assisted the operation about the ovariohysterectomy because of the pyometra. This case was an emergency case and pyometra is one of the highest mortality of the dogs in Thailand.</p> <p>After this operation, I observed the operation of the limb amputation in both sides of a cat. The cat had an accident and femur in both sides were fractured and the area around the fracture was pulurent. It was first time to observe the limb amputation in both sides and that was pity for me.</p>
<p>Sept 15 (Fri)</p>	<p>We had the operation only in the morning, and I observed the cases about the femoral head and neck excision and the ilium fracture. In the reduction of the ilium fracture, it seemed difficult to put the plate to fractured ilium because of the thick muscles as middle gluteal muscle.</p> <p>I took part in the orthopedic surgery unit in 1 week and I found that the larger number of dogs in Thailand come to the orthopedic unit because of car accidents than in Japan.</p>
<p>Sept 16 (Sat)</p>	<p>To Bangkok</p>
<p>Sept 17 (Sun)</p>	<p>I did my homework all day.</p>



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Sept 18 (Mon)	<p>This week, we are in soft tissue surgery unit and today I was an assistant of the cases of ovariohysterectomy, castration, regional mastectomy, and removal of masses. I found that the assistant was very important for the surgeon. I could not assist the surgeon and it took too long time to operate.</p>
Sept 19 (Tue)	<p>Today I observed the case of bilateral mastectomy. This case was a cat and different from the yesterday's case. I could review the mammary gland tumor in Japan. Most of the mammary gland tumor in cats are carcinoma and need bilateral mastectomy.</p>
Sept 20 (Wed)	<p>Today I was a surgeon of castration. When I was told that I had to be by Dr. Nithida, I worry about the operation because I didn't understand the procedure of castration completely. However, Dr. Nithida led me kindly and the operation was successful. It was a very precious experience for me because I have never had the opportunity to be a surgeon in Japan.</p>
Sept 21 (Thu)	<p>I followed the case of the fracture of the hard palate and soft palate. I have never observed the case that has abnormality on the hard palate and soft palate.</p>
Sept 22 (Fri)	<p>I observed two cases of ovariohysterectomy. Although I had already observed a lot of ovariohysterectomy cases this week, these cases had the problems just about the uterus such as mucopurulent and I had never observed this type of cases.</p>
Sept 23 (Sat)	
Sept 24 (Sun)	



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Sept 25 (Mon)	<p>We started the anesthesia unit today and I was responsible for the case that had GI obstruction. The body temperature and blood pressure got lower and lower as time went on because the intestine was pulled outside the body for the operation. I worried about the patient but the operation was over without any problems and I was relieved.</p>
Sept 26 (Tue)	<p>I monitored the case of OVH. This case was obese and the ALP of the case was very high. EtCO₂ was always high during the operation and after the operation the patient showed the dyspnea and the mucus membrane of the patient got white. The anesthetist used the mask to supply the oxygen. I found that it was very important to give the oxygen during the perioperative period.</p>
Sept 27 (Wed)	<p>I was responsible for the case that had acetabular fracture and the owner of this patient was the princess. I was surprised and I worried about the accident to the princess's dog. However, the operation went on without any problem and I was relieved.</p>
Sept 28 (Thu)	<p>I monitored the case of the metacarpal fractures. No problem happened to the patient during the operation. I was interested in the procedure because the metacarpal bones were very small and it was hard to insert the pins to the bones.</p>
Sept 29 (Fri)	<p>I was responsible for the case of mandibular fracture. In spite of the operation in the mouth, I placed the pulse oximeter at the tongue and thermometer in the mouth by mistake. Dr.Sirun told me to place the pulse oximeter at the vulva and thermometer in the rectum. I had no idea and it was a good study for us.</p>
Sept 30 (Sat)	
Oct 1 (Sun)	



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<p>Oct 2 (Mon)</p>	<p>We started the medicine unit and today I studied in the urology unit. Dr. Karin explained to me about the cases and diseases, but it was very hard for me to follow her. Also, I had some opportunity to measure the blood pressure by doppler, but it was very difficult to find the pulse from very small artery around the pad. The practice today was a good study for me, but I was very tired.</p>
<p>Oct 3 (Tue)</p>	<p>I was in the radiology unit and observed the ultrasonography in the morning. I was surprised that the doctor easily identified the location of the adrenal glands. In the afternoon, I observed the CT and MRI. During the photographing, the doctor told us the mechanism of the CT and MRI, but it was difficult to follow because I didn't remember the lecture about the radiology in Japan.</p>
<p>Oct 4 (Wed)</p>	<p>I studied in the critical care unit today. In this unit, there were a lot of cases that had severe problems. I observed the case of pyothorax and the doctor remove the pleural effusion from the drain, but the effusion was purulent and this condition continued for about 10 days. I was so pity and I want this case to recover earlier.</p>
<p>Oct 5 (Thu)</p>	<p>In the morning, I studied in the OPD unit. I observed the case that had brachycephalic syndrome and after that the doctor told us to study about the elongated soft palate.</p> <p>In the afternoon, I was in the feline clinic and I was surprised that the assistant professor in this unit had graduate UT and the laboratory of surgery.</p>
<p>Oct 6 (Fri)</p>	<p>Today I was also in the feline clinic. In Thailand, there are a lot of cases in which FeLV is positive and I observed that case. The cat had pleural effusion in the thoracic cavity and the chemotherapy was performed even though the cat was young. I was very sympathetic to that cat.</p>
<p>Oct 7 (Sat)</p>	<p>To Ayutthaya</p>



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<p>Oct 8 (Sun)</p>	<p>To Bangkok</p>
<p>Oct 9 (Mon)</p>	<p>Today I was in the neurology unit. In the morning, I observed a lot of cases and Dr. Nirut explained to me about the diseases. I had little knowledge about the neurology and it was very hard to follow for me.</p> <p>In the afternoon, I observed the MRI of the case that had hemivertebrae. On the image of the MRI, the spinal cord of the case was damaged by the abnormal shape of vertebrae.</p>
<p>Oct 10 (Tue)</p>	<p>I studied in the OPD unit. Dr. Noppasin is the ophthalmologist and I observed the case of the cherry eye. I practiced the ophthalmic and neurological examination.</p>
<p>Oct 11 (Wed)</p>	<p>Today I was in the radiology unit. The radiologist took me to the place where the radiotherapy is performed on the underground. It has a huge device for radiotherapy that can output very high voltage of X-ray. I wish we had this device in VMC and I was surprised that it costs 60 million baht.</p>
<p>Oct 12 (Thu)</p>	<p>I observed a kitten that had showed the vomit and diarrhea. I studied about the nutrition and vaccination for a kitten. I found the both were very important for the future health of the kitten. Also, I felt very happy because the kitten was very little and pretty.</p>
<p>Oct 13 (Fri)</p>	<p>To Kanchanaburi</p>
<p>Oct 14 (Sat)</p>	<p>We went to Chachoengsao and in the evening Dr. Sekizawa arrived at Thailand.</p>



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Oct 15 (Sun)	To Bangkok
Oct 16 (Mon)	Today I was in neurology unit and follow Dr. Boordin. He told me to try history taking to the owner in English. I have never tried history taking even in Japanese, so it was very difficult to get the information from the owner for the treatment.
Oct 17 (Tue)	I also followed Dr. Boordin today. He didn't have so many cases today, so he taught me the function of cranial nerve in detail by using his and my bodies. I didn't remember about the cranial nerve, but I could study well thorough my own experience.
Oct 18 (Wed)	I was in gastroenterology unit. In this unit, there are a lot of cases that show elevated liver enzyme, but the cause of the elevated liver enzyme is different between the cases. Dr. Sathidpak told me that it is important to treat the dog with no clinical sign because the dog with elevated liver enzyme and clinical sign has already been severe and it's too late to treat.
Oct 19 (Thu)	Today I was in OPD unit and followed Dr. Anchulee. She gave many quizzes to me and I found that I didn't remember what I had studied in the past. In the afternoon, the doctor took me to the swimming pool for rehabilitation. There was a dog in the pool that had hip dysplasia and osteoarthritis. I wanted to swim in the pool because it was very hot.
Oct 20 (Fri)	Today I was in ophthalmology unit. The ophthalmology has a lot of technical terms and I was not accustomed, so it was very difficult for me to follow the doctor. Also, I found that the dogs that had some problems in the eyes had some problems in other organs.
Oct 21 (Sat)	To pattaya

