



## Weekly Report Hokkaido University Name Satoshi Takahashi

Note: This report must submit to the teaching staff at your university via e-mail and CC CVE office. Not necessary to report on holiday and weekends (Sat & Sun) unless the training was being held.

<p>Sept 10 (Sat)</p>	<p>Today we came to Bangkok and Kasetsart university. We go to shopping center in Chatuchak and got eat dinner on cafeteria in the shopping center.</p>
<p>Sept 11 (Sun)</p>	<p>Ms. Kai introduced us about facilities of the Kasetsart university. And then, we fitted our uniform. I feel it's so cool. Next, we went to Chatuchak weekend market. There is very big market, and so many people come to shop. I feel Thailand is melting pot place. Finally, we went to shopping center again. I bought cheap kettle and etc.</p>
<p>Sept 12 (Mon)</p>	<p>First, I attend to anesthesia. I look some surgery there. The one is so terrible injure. Dr. said his fore limb can't cure. So he cut off the leg and let rehabilitation with there family. Other cases are eye's tumors, dislocation of hip joint, and car crashed kitten. Many unusual animals come to the hospital. But I couldn't look them today..</p>
<p>Sept 13 (Tue)</p>	<p>Cholelithiasis Dog was presented in the morning. He has been applied cholecystectomy. Morphine and midazolam was administered as preanesthetic agent. Surgery was prolonged until the afternoon. I think surgery is prolonged the cause and want to hear tomorrow.</p>
<p>Sept 14 (Wed)</p>	<p>Today I had to presentation about anesthesia. I make slide about brachycephalic dogs. They have short head class syndrome. The words mainly mean narrow trachea and narrow nasal cavity. So They require to be careful anesthesia operation. After the presentation, intestinal dilate dog was presented. Cause of dilate is undefined in surgery. So intestinal tissue is examined.</p>
<p>Sept 15 (Thu)</p>	<p>In morning, I look the case of ilium wing fracture. In this case, I look VPC. It is one of abnormal electrocardiogram. The causes of the VPC were considered to be xylazine. So it improved to inject yohimbine. In Afternoon I look the case of dog's pyometra. In this case, blood transfusion is done. Because Her body condition is too bad.</p>
<p>Sept 16 (Fri)</p>	<p>I made protocol of anesthesia. The case is mandibular fracture and femur fracture. Patient is stray dog. So the dog doesn't have owner. But the woman who pick up the dog look for new owner on facebook, and the money to payment this operation is solicit donations on facebook. I'm amazing to this thing.</p>



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Sept 17 (Sat)	No training
Sept 18 (Sun)	No training
Sept 19 (Mon)	Today is first day of orthopedics. First, I look the surgery named TPLO (tibial plateau leveling osteotomy), and assist the procedure. I support the surgery mainly it is to press the affected limb. In afternoon, I look the surgery named fabellar suture. It is for same area as TPLO. But FS is easier than TPLO.
Sept 20 (Tue)	Today, I look the mass remove surgery. This surgery was done for the cat. The cat has large mass on the neck. But the surgery is finished quickly, and result of biopsy is revealed a few days later. Next I assisted slightly lager surgery. That is done three surgeries in one time. I had to bone puncture in this time.
Sept 21 (Wed)	Today's morning, orthopedics did not have any procedure. So we did not look surgery. We study individually. And afternoon, I look one surgery. It is intestinal foreign bodies. In this surgery, I assisted to surgeon. I cut the yarn, and support tissues. It is easy to do, but for me, good experiment.
Sept 22 (Thu)	In morning, I look surgery named FHNE: Femoral Head and Neck Excision. The patient has not only femoral head fracture but also greater trochanter fracture. Next, I look the dog has hip dislocation. He has dislocation both side. But today, he is only cured left side. 3 <sup>rd</sup> case is femur fracture cat. Further his fracture is comminuted. So surgery is too difficult.
Sept 23 (Fri)	Today I look case of FHNE and MPL. While surgery, Dr. questioned a lot of things to me. It is started from my hometown to surgery anatomy. I think it intend to relax me. This day reception is ended on AM 12:00. So after school, I make case report all day.



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Sept 24 (Sat)	No training
Sept 25 (Sun)	No training
Sept 26 (Mon)	Today is first day of soft tissue & ER. And PVH member comes to surgery. They have not joined to surgery until now. So we explain to them many things. In morning, I look the case of ORS: Ovary Remnant Syndrome. In afternoon, I join to the case of OVH and cystic calculi. I support this surgery.
Sept 27 (Tue)	Today I participate in ER. In morning, only 1 case came to clinical. But there are many reservation of ER while we are look that case. So in afternoon, we did many surgeries. And I support 3 cases. First, repair reconstruction of past surgery. Second, dystocia of dog. Third, intussusception.
Sept 28 (Wed)	Today, I participate in soft tissue of clinical part. In morning, I look the case of calculi. I looked the case like this in yesterday. So I could remember yesterday surgery, and compare the procedure between today and yesterday. In afternoon, I assist the case of remove mass. The patient has many mass.
Sept 29 (Thu)	Today, I participate in soft tissue of clinical part. In morning, firstly I look the case of pyometra and mammary gland tumor. Second surgery is perianal mass excision and castration. I assist this surgery. In this surgery, surgeon is intern Dr. Her procedure is clumsier than professor. But for me, it is easy to understand.
Sept 30 (Fri)	Today I present about rectal mass excision. It is prepared in yesterday night. In this presentation, I explain type of approach. There are many approaches in surgery. I could not remember all type while make presentation. In clinical, I do not have the case have to look. So I look various operation rooms.



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Oct 1 (Sat)	No training
Oct 2 (Sun)	No training
Oct 3 (Mon)	This day is first day of internal medicine unit. First I join in OPD: out patient department. This unit mainly does inquiry and physical examination to diagnoses. So many cases come in this unit. Different from RGU, KU is accepted small case. So I see common injury or disease that could not see in RGU.
Oct 4 (Tue)	Today, I join in neurology. This unit mainly do neurological exam for the patient could not move their limb. And specify the area of injury or disease. In this unit I see the patient has CCD(Canine cognitive dysfunction disease ) first time.
Oct 5 (Wed)	Today I join to ferine medicine. This unit is on the first floor. In other words, most many patients come in this unit. So today, the patient is in my front. In many patients, I am interesting in the patient which has Pleural effusion. The cats have suspected FIV and FelV. At result, both of negative. But this case is interesting for me
Oct 6 (Thu)	Today, I join in OPD again. The Dr. is changed on Monday. But We do same thing. Of course, The patient coming hospital is different from Monday. In this day, the patient who is missed surgery in other hospital come this unit. This patient's promedication need to determine prudence. Eventually, it is not decided in that time.
Oct 7 (Fri)	Today, I participated in the OPD again. Today's Dr. was same on yesterday. So I am asked about thing in yesterday. But I could not answer many questions from him. So I am given homework today.



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Oct 8 (Sat)	No training
Oct 9 (Sun)	No training
Oct 10 (Mon)	Today, I would join in ophthalmology. But this unit does not have any case in this day. So I join in neurology hastily. I watched the case about epilepsy. This case is on young dog. So Dr. say the case of this case does not understand. In afternoon, I join in OPD unit. I watched the case of Herniated disc.
Oct 11 (Tue)	Today, I join in exotic animal unit. Many animal species come in this unit. Only I see there are turtle, macaw, rabbit, snake, and more. I do not know whether it is rare or not to come the disease of patient. But it is interesting for me. And I think those case could not see in Japan.
Oct 12 (Wed)	Today I join in the unit of gastroenterology. Many cases come to this unit. Only in morning, 9 cases came. It is most much number of cases from when I came Thailand. I interesting for the case of hepatocellular carcinoma. After the training, Dr. explain about this case, but it is difficult for me.
Oct 13 (Thu)	Today I join in the unit of OPD, and my group has presentation but I did not participate in it. In training, I looked the endscope of dog from anal. I have done training it in Japan, but it is first time to watch actually use the tool. I thought this is so convenience, but the tool looks so expensive and big.
Oct 14 (Fri)	Today, I join in the unit of ophthalmology. This unit treats about eye. So the medical care of this unit is sober. But many patient come to this unit. I feel the complexity of eye. I am interesting cataract, in today's case. Today's cases are almost cataract, but the ways of pathogenesis are different.



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<p>Oct 15 (Sat)</p>	<p>No training</p>
<p>Oct 16 (Sun)</p>	<p>No training</p>
<p>Oct 17 (Mon)</p>	<p>Today, I participate in the unit of neurology. I join to this unit two times, so I could understand a little thing. First case was left facial paralysis. This patient have buphthalmos same time. In afternoon, I join to the unit of exotic. Today, many animals came hospital. Snake, hedgehog, rabbit, sugarglider etc. I feel fun to only see these animals.</p>
<p>Oct 18 (Tue)</p>	<p>Today, I participate in the unit of OPD. The unit is most frequently I join to, but this unit is much type of cases coming. It is difficult to understand for me. Today, reason is unknown, but many ophthalmology case come this case. Most of them had dry eye and KCS. And today, many numbers shitzu come this unit.</p>
<p>Oct 19 (Wed)</p>	<p>Today's my schedule was to join in the endoscope unit. But we go to the radiology unit, because Dr. went to meeting. In this unit, we looked the ultra sound imaging mainly. The US machine is so expensive. Dr. said it is 600 million B. The US machine I use in japan is 200 million yen. The machine in KU is beautiful image.</p>
<p>Oct 20 (Thu)</p>	<p>Today, I participate in feline medicine. The case of adeno carcinoma came. The patient has a part of white hair. The reason of part of white is influence of radiation therapy. Normally, influence of radiation is hair lost, so the patient's situation is rare. Afternoon, I join in unit of OPD. In this unit, I look the patient have brain tumor.</p>
<p>Oct 21 (Fri)</p>	<p>Today is the last day I practice in Bang Khen campus. I join in to the unit of OPD. This day, only one case came to the unit. It might be made for us by professor. So professor taught us very politely. I think, today's practice is easiest to learn. Then after finish practice, many Thai people say us goodbye and see you again.</p>



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Oct 22 (Sat)	Today is no training, but we had to move from Bang Khen to Kamphangsaen. We went out dormitory on 8:30. In the way, we visit floating market and shopping mall. After all we reach Kamphangsaen on 15:00, and Dr. explain about campus.
Oct 23 (Sun) Chulalongkorn Memorial Day	No training
Oct 24 (Mon) Chulalongkorn Memorial Day ※Additional Public Holiday	No training
Oct 25 (Tue)	Today is the first day we practice in KPS campus. In this place, we are separated 4 groups, and most group is consisted by three Japanese and 7 Thai people. In this week, I participate in equine unit. Today I study about physical examination of equine. It like to bovine, but Dr. say equine need more sensitivity.
Oct 26 (Wed)	Today, I participate in equine unit. The Dr. said us the theme of our presentation. So we have had the horse in charge. The horse in charge of my group has canker. This disease is difficult to cure, and the pathogenesis is unknown. So we have to take care the horse so carefully.
Oct 27 (Thu)	Today we had the lesson of neurology of equine. The examination of equine is different from small animal. We can not lift mount to patient. So the examination is so important to the personality of patient or trust between horse and owner. Also strength of veterinary is needed to this exam.
Oct 28 (Fri)	Today we had the lesson of cardio, and we have to take care of the horse in morning. The care of horse takes much time than we thought. So we went to classroom 15minutes later. The Dr. got angry, so we have to go to her room and apologize to her. After we apologize, she teaches us very carefully.



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Oct 29 (Sat)	No training
Oct 30 (Sun)	No training
Oct 31 (Mon)	Today I participate in horse unit. This week is second week horse unit for me, so I studied about my case in last weekend. However, when I join in the actual case, I couldn't do anything. Dr. said canker is popular in Thailand, so the treatment to this disease is developed in this country. But it is so fast for me.
Nov 1 (Tue)	Today I participated in the horse unit, and I take lesson about lameness. The lesson is done at demonstration farm. It is at a little far from the horse clinic building. So we had to get on the Thai student's car. I'm amazing the size of this university again. The lesson is done to use the real horse, so I could understand well.
Nov 2 (Wed)	Today, I took the lesson about theriogenology on horse. This lesson is so interesting for me, but there is not so much new knowledge for me. I feel a little shame, and same time I feel a little delight. Because I feel it is not in vein me to study about theriogenology in Japan. But in this afternoon I couldn't answer to question from Dr. I feel the ignorance of myself.
Nov 3 (Thu)	Today we prepared for the presentation on Friday. The theme of presentation is different between each group. Our group is given the theme about castration for horse. I prepared the slide about procedure. I have seen the surgery, but the procedure has many unknown thing for me.
Nov 4 (Fri)	Today we had a presentation. The theme of presentation is different between each group, but it had in common that about the horses. One group present about the case we have seen, other one group present about literature. And the after of presentation, we have the oral examination. Despite all of other group passed the exam, only my group has homework.





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<p>Nov 5 (Sat)</p>	<p>No training</p>
<p>Nov 6 (Sun)</p>	<p>No training</p>
<p>Nov 7 (Mon)</p>	<p>This week, I participate in wild animal unit. Today, I go to the wild animal hospital. This hospital treat wild animal. There are some types of species. Among theme, it was the elephant that I was most interested in. And I was surprised that this hospital mainly treats the elephant. I could see the endscope to elephant.</p>
<p>Nov 8 (Tue)</p>	<p>I think today is most exciting day in this study abroad, because we go to jungle today. The jungle is in 50km west from Kamphaengsaen. There is the wild cattle called banteng. So the stuffs of this area save this animal and nature of the jungle. We entered the jungle by car. This area is not paved, of course. So the car shook terribly. But this is so exciting.</p>
<p>Nov 9 (Wed)</p>	<p>Today, we went to Bang Ken campus. It is for to see the small exotic animal. In Bang ken campus, we saw many cases. Some sugar glider, rabbits and turtle came this day. Specially I interesting in the case of gibbon. The cause of gibbon's sick condition is unknown, so Dr. gave some type of antibiotics.</p>
<p>Nov 10 (Thu)</p>	<p>Today we have stayed in Bang ken from yesterday, and we participate in the unit of exotic. In this day, many cases came this unit., and the gibbon came to hospital also today. But the gibbon is not same individual from yesterday. The gibbon has unknown sick condition. But this one is more terrible than yesterday.</p>
<p>Nov 11 (Fri)</p>	<p>Today we had the presentation about the case of this unit. We have separated some team. So we had different theme team by team. Our theme is about the gibbon. I think it is lucky. But there is no gibbon in Japan, so it is difficult to investigate about gibbon for me.</p>



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Nov 12 (Sat)	No training
Nov 13 (Sun)	No training
Nov 14 (Mon)	Today we came to Nong Pho. There is the part of university and the hospital. The hospital treat large animal mainly, so we go to many farms to treat cattle. Today we go to the farm deal with about hundred cattle. Dr. say this farm is large compare to other farm around this area. In this farm I look the case of metritis.
Nov 15 (Tue)	Today we went to the farm. The farm has freeburn. Most of Thailand farm use tie stall, so it is fresh for me. In this farm, I look the case of uterine torsion. The patient gets pregnant on 25 February, so in this day, she have about 290 days gestation period. It is 10days longer than average period. We roll the patient. This is popular care for uterine torsion.
Nov 16 (Wed)	Today we went to the same farm as yesterday for follow up the uterine torsion cattle. She could deliver the calf, but she has retained fetal membrane and the delivery is so difficult and spent long time. So we have to take care of her condition. Fortunately, the cattle had good condition. So we inject only antibiotics and follow-up 1 week.
Nov 17 (Thu)	Today, we had the presentation about mastitis. In morning, we prepare for the presentation. This preparation is continued from Monday. We are given the data of volume of milk. We analyze and summary it. We found the trend of type of mastitis. I became the speaker of this presentation. I think the announcement went well.
Nov 18 (Fri)	Today we went to the farm that we have been to before. The farm keep the cattle have pneumoniae. In this day, the condition of this cattle went well. However, Dr. said the owner doesn't treat the drug correct, so the cattle is late to cure the disease. I think the work of vet is not only treat the animal but the education of owner.



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Nov 19 (Sat)	No training
Nov 20 (Sun)	No training
Nov 21 (Mon)	From today, we participate in the bovine unit. I look forward to this unit, because the unit likes my study in Japan. Until now the study in Thailand didn't relate to my study, so I have to study from the beginning. In this day, I stay in hospital, and look the case coming to hospital. I saw the case of umbilical hernia.
Nov 22 (Tue)	Today, we went to the farm around the university. But the farm which we have to visit is so many. In this day, we went to 5 farms. One of these farm has FMD (foot mouse disease). I expect to see FMD in Thailand, because the disease is never seen in Japan and happened in Miyazaki several years ago.
Nov 23 (Wed)	In this day, I stay in hospital, and we make the presentation for next Monday. This day, almost no patient came to the hospital. So we could make the presentation carefree. The case of entropion came hospital. This case is surgery on eye. I think the surgery for eye is generally in small animal, but in large animal is so rarely.
Nov 24 (Thu)	In this day, we went out to the farm around university. Today, we went to 7 farms. Mainly, we did the care for hoof. One of the farm, we took care of the hoof don't use fence. We had to retain the cattle by our body. At least, I have never seen such care, and situation. But the cattle can be retained by my hand. It is good experiment for me.
Nov 25 (Fri)	Today, we go to ICVS. It is conference about veterinary in Thailand and international. In this place I take the presentation about wildlife. It is about alien species in Thailand, and how to communicate with general people in emergency situation as veterinarian. The professor said the roll as specialist is important to veterinarian.



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Nov 26 (Sat)	No training
Nov 27 (Sun)	No training
Nov 28 (Mon)	This week we participate in demonstration farm of Kasetsart university. This farm is for student practice and make the daily and meat cattle. The cattle of this farm is famous in Thailand, called KU beef. I have eaten the beef. It is so delicious. In this day, I take lecture about the practice in this unit. We have to make presentation until Friday.
Nov 29 (Tue)	In this day, I practice rectal palpation. We use many heifers, about 15. I have never done rectal palpation to such many cow, it is first time to do rectal palpation to heifers. The rectal of heifers is so thin. I suffered some heifers. In the afternoon, we prepare for the presentation on Friday. In this day we decide the theme of presentation.
Nov 30 (Wed)	In this day, I practice some topical anesthesia. Dr. teach us about paravertebral block, cornel block, auricob pulpebral block and epidural block. In japan, I usually do epidural block, so I could this practice smoothly, but the other block I could not do well. In afternoon, we prepare the presentation.
Dec 1 (Thu)	In this morning, our team has to prepare or presentation, but I have examination on Friday. So I was allowed to study for next day. But we have presentation in afternoon about the case on last week. So I speak in afternoon, and Dr. give many question for us.
Dec 2 (Fri)	In this day, all Japanese students have oral examination in morning. The examination is about bovine. We are separated 3 teams, so one team constitutes about 6 people. Dr. prepares many questions for us. But actually, the question for us used one question by one person. I think I could answer, but the real one is known only Dr.



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Dec 3 (Sat)	No training.
Dec 4 (Sun)	We go back to Japan!! Thank you for Thailand!!