



Weekly Report Hokkaido University Name Fukui Shotaro

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<p>Sept 10 (Sat)</p>	<p>I arrived in Thailand today. Very, exciting. We have prepared many things for the life in Thailand today. Tomorrow I will visit Kasetsart University. I look forward to tomorrow..</p>
<p>Sept 11 (Sun)</p>	<p>For the first time I visited Kasetsart University today. I was surprised because there is a lot of the clinic in the animal hospital. I got Uniform. After that We went to the stalls to eat lunch. I will do my best from tomorrow.</p>
<p>Sept 12 (Mon)</p>	<p>I was assigned to the orthopedics surgery. Today had three cases. The first one was a patella dislocation of the left hind leg of a dog. The second was a hip dislocation of dog. The third was a dislocation of the sacroiliac due to fracture of the pelvis of the cat.</p>
<p>Sept 13 (Tue)</p>	<p>2<sup>nd</sup> days. Today had three cases in orthopedics surgery. The first one was a sacrum ilium laxation of a cat. The second was Left medial patella luxation of a dog. The third was a right femur transverse fracture of a cat.</p>
<p>Sept 14 (Wed)</p>	<p>3<sup>rd</sup>days in orthopedics surgery. I had four cases today. The first case was a medial patella laxation for dog. The second case was a mandibular fracture for dog. Third case was a cranial cruciate ligament ruputure for dog. Fourth case was rarely. It was a perineal herniae for sugar glider</p>
<p>Sept 15 (Thu)</p>	<p>4<sup>th</sup> days in orthopedics surgery. I had two cases today. The first case was perineal herniae for dog. The second case was a medial patellar laxation for dog. Only two cases . After the class we got together and discuss for making presentation for tomorrow meeting.</p>
<p>Sept 16 (Fri)</p>	<p>The final day in orthopedics surgery. I had three cases. The first case was left medial patellar laxation for dog. The second case was left temporomandibular joint and mandibular symphysis fracture and femur fracture. I think there are many cases about medial patellar laxation through orthopedics surgery</p>



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Sept 17 (Sat)	No training
Sept 18 (Sun)	No training
Sept 19 (Mon)	The first day in Anesthesia. Today I had three cases. The first case was left femur fracture. The second case was pyometra. The third case was urinary bladder rupture. After the class I study about anesthesia. I think pain control is difficult.
Sept 20 (Tue)	The second day in anesthesia. Today I had two cases. The first case was tumor like mass at base of tail and perianal. The second case was unilateral mastectomy and remove mass. After the class, team member got together in university and discuss and make presentation at midnight.
Sept 21 (Wed)	The third day in anesthesia. Today I had two cases. The first case was remove five mass. I make protocol for this surgery and perform the anesthesia as my protocol. The second case was enucleation for glaucoma.
Sept 22 (Thu)	The fourth day in anesthesia. Today I had one case. Surgery proceder is TPLO for CCLR. This operation take three hours. Dexemedetomidine(pre-operative anesthesia, $\alpha$ 2agonist) lead bradycardia in this case.
Sept 23 (Fri)	The final day in anesthesia. Today I had one case. Surgery proceder is both TPLO for both hip pain. The dog was awake during the induction of anesthesia. I think technique for the rapid induction of anesthesia was important.



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Sept 24 (Sat)	No training
Sept 25 (Sun)	No training
Sept 26 (Mon)	The first day in soft tissue. Today I had three cases. The first case was right 3 <sup>rd</sup> -5 <sup>th</sup> mastectomy and biopsy and ovariohysterectomy for dog. The second case was both perineal herniae for dog. The third case was mass remover for dog
Sept 27 (Tue)	The second day in soft tissue. Today I had three cases. The first case was opening urethra for dog. The second case was rectal pull through. The third case was remove mass at right perinnal. After school,we get together and make presentation for Friday meeting.
Sept 28 (Wed)	The third day in soft tissue. Today I had two cases. The first case was cystotomy for remove cystic culculi. The second case was mass remover(at right eyelid, thin, mammary, right radius)
Sept 29 (Thu)	The first day in emergency. Today I had four cases. The first case was ovariohysterectomy for pyometra. The second case was pelvic urethral rupture. The third case was right enclation. The fourth case was MRI.
Sept 30 (Fri)	The final day in soft tissue. Today I had one case. The disease is hepatic cyst. The MRI picture shows hepatic cyst. The cyst is too big. If the cyst stick spleen, Doctor cut the cyst and spleen. But adhesions was not,so doctor cut only hepatic cyst.



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Oct 1 (Sat)	No training
Oct 2 (Sun)	No training
Oct 3 (Mon)	Today start internal medicine. Today in the morning I join ophthalmology term. I think too many cases we have today. In specially we have glaucoma and cataract case. In the afternoon I join OPD term. we have two case. the first is pancreatic disease. The second case is skin disease.
Oct 4 (Tue)	Today is exotic term in all day. We have three case. The first is ophthalmology disease for rabbit. The second case is egg clogging disease for parakeet. Doctor teach me about rabbit physiology. In specially rabbit gastroenterology.
Oct 5 (Wed)	Today is gastroenterology term in all day. We have too many cases in the morning. Especially cholecystitis, cholelithiasis, cushing syndrome case are impressive. In the afternoon we do fine needle biopsy for hepatic mass.
Oct 6 (Thu)	Today is OPD term in all day. We have many cases in the day. Especially I was interested in hematochezia and mucous diarrhea. Doctor think the causation is bacteria infection and administer sulfonamides and fluoroquinolones. fnrofloxacin.
Oct 7 (Fri)	Today is ophthalmology term in the morning. Especially I was interested in kerato konfunktivitis sicca. I understand the mechanism of happening this disease. Immunosuppression cause KCS. Doctor administer tacrolimus and cyclosporine.



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<p>Oct 8 (Sat)</p>	<p>No training</p>
<p>Oct 9 (Sun)</p>	<p>No training</p>
<p>Oct 10 (Mon)</p>	<p>Today in the morning I join neurology term. we have many herniated disc case. Herniated disk lead serious musculoskeletal disorders. In the afternoon we go to exotic. I am interested in egg clogging disease for parakite. The X-ray film for the parakite I s so interested for me</p>
<p>Oct 11 (Tue)</p>	<p>Today is OPD term in all day. In Thai student have national qualification for veterinary. Thai student do anything (Physical examination, Check the clinical sign , how to cure , and so on ) Especially I am interested in chronic kidney disease for cat. I will write case report about this case.</p>
<p>Oct 12 (Wed)</p>	<p>Today is endoscopy in morning and OPD in the afternoon. I used endoscopy in japan when I was 4<sup>th</sup> grade. But I did not meet operation using endoscopy. I think endoscopy is so good technique because this endoscopy surgery is less invasive.</p>
<p>cOct 13 (Thu)</p>	<p>Today is feline medicine in this morning and OPD in the afternoon. In this hospital you separate feline medicine clinic and dog medicine clinic. I think cat have cat have kidney disease easily. We have many kidney disease in feline medicine.</p>
<p>Oct 14I (Fri)</p>	<p>Yesterday Thai king was die. So cityscape was quiet than usual.. Most of Thai people wear black suits, so I think the situation was so strange. Today is OPD term. We have two case in thie morning. The case was scabies. We administrated Ivermectin and Doxycycline</p>



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Oct 15 (Sat)	No training
Oct 16 (Sun)	No training
Oct 17 (Mon)	Today is urology term in all day. Before day, I write case report about chronic kidney disease. So in this day, I discuss about urology disease with Thai student more than usual. I am interested in alcohol rization. This is a kind of technique of not increasing urine in the urinary bladder. Not expanding the UB read stop pressing nephron by pressing by UB. So this keep kidney function.
Oct 18 (Tue)	Today is radiology term in all day. Radiology is one of the most important technique for diagnosis. Especially, hypertrophic cardiomyopathy case for cat is interested for me. HCM is often happened for cat. HCM is diagnosed by heart echo.
Oct 19 (Wed)	No training
Oct 20 (Thu)	Today, I have cardiology in the morning and feline medicine in the afternoon. I think cardiologic disease read respiratory disease because lungs and heart are close connected. So many patient have strange lung and heart sound/
Oct 21 (Fri)	Today, I have feline medicine in the morning. Feline have many kidney disease and virus disease. FIP, FIV, FeLV are most commonly disease for cat and patient with three disease come this clinic today. Interferon is good for virus disease so we inject this.to the cat.



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Oct 22 (Sat)	No training
Oct 23 (Sun) Chulalongkorn Memorial Day	No training
Oct 24 (Mon) Chulalongkorn Memorial Day ※Additional Public Holiday	No training
Oct 25 (Tue)	Today is wild life term. We go to national park in Kanchanaburi prefecture. We meet elephant in the nature not breeding. It is so wonderful for me because I can not meet in Japan. Teacher teach us estrus cycle in elephant. I am very interested in because my laboratory is reproductive medicine..
Oct 26 (Wed)	Today is Exotic clinic in wild life term. We have squirrel case. Squirrel is so active and aggressive .We should take care the handling for squirrel. After this class teacher give us homework. The homework is about POMR and SOAP and Data base collection.
Oct 27 (Thu)	Today is Exotic clinic in wild life term. We have many case and many species case in this day. Carp,Rabbit,Pallot,Pigeon.We take X-ray for carp because we suspect bacterial infection. The X-ray shows swim bladder becomes strange.
Oct 28 (Fri)	Today we discussed about clinical case in this week. Teacher tell us about the basic of diagnosis and treatment. It is important to decide a diagnosis and treatment following about POMR in all cases and for all species. Teacher talk about POMR in 4 hours.



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<p>Oct 29 (Sat)</p>	<p>No training</p>
<p>Oct 30 (Sun)</p>	<p>No training</p>
<p>Oct 31 (Mon)</p>	<p>Today, we go to Nonpor veterinary hospital in bovine term. We have two case. I interested in the case is astasia for cattle. This cattle will calve about after 1month. Blood chemistry shows hypocalcemia and Docter injected calcium 4 days ago. But the cattle is not improved. So injected PGF2<math>\alpha</math> and Dexamethasone which read to calve. Doctor diagnose DCS.</p>
<p>Nov 1 (Tue)</p>	<p>Today is 2<sup>nd</sup> day in Nonpor hospital. We have two case. I interested in chronic anorexia for cattle calved before 7 month ago and is lactation No.1.Physical examination shows keton body is 15.6mg/dl and hardware Intake. Tentative diagnosis are ketosis and traumatic reticulo pericarditis and trypanosomiasis. We should check blood plasma cell and Feblinogen to diagnose traumatic reticulo pericarditis and trypanosomiasis.</p>
<p>Nov 2 (Wed)</p>	<p>Today is 3<sup>rd</sup> day in Nonpor hospital. We have three case in this day. I interested in castration for male sheep. Doctor choose Balzac method which compressing the blood vessels to necrosis. The method is not good for animal welfare because operated in no anethesia..But doctor choose because male sheep is small.</p>
<p>Nov 3 (Thu)</p>	<p>Today is 4<sup>th</sup> day in Nonpor hospital.We have many cases in this day.I do rectal palpation first time in thai.Docter ask me what structure is there in the ovary for cattle calved after 30 days. In this case there are two follicle in the left ovary and nothing in right ovary. Usually cattle heat in 25-30days after calving.</p>





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<p>Nov 4 (Fri)</p>	<p>Today is last day in Nonpor hospital. We present about balk milk data include 500 farmers. We discuss epidemiology treatment prevention about contagious and environment mastitis. And after school we go back Kamphaeng saen.</p>
<p>Nov 5 (Sat)</p>	<p>No training</p>
<p>Nov 6 (Sun)</p>	<p>No training</p>
<p>Nov 7 (Mon)</p>	<p>Today is first day in KPS-VTH. We have many cases in this day. The cases are mastitis, Downer cow syndrome, endometriosis, pneumonia. I am interested in endometriosis. Docter did Lugol salation infusion in uterus. In this case, this estrus term of cow is near heat term and uterus is contracted and discharged Lugol salation naturally when cow become heat.</p>
<p>Nov 8 (Tue)</p>	<p>Today is second day in KPS-VTH. We discuss about yesterday case with teacher. I interested in the difference of metritis, endometritis, and pyometra. Metritis is read by opening the cervix in after calving and increase gram negative bacteria. Endometritis is read by immature luteinization and do not read complete estrus . Pyometra is read by no symptom and pus accumulates</p>
<p>Nov 9 (Wed)</p>	<p>Today is third day in KPS-VTH. We have many cases in this day(about 7). I interested in panting case in cattle. After physical examination, we decided the problem list. First problem is mastitis. We use Anti biotic and inject oxytosin to correct abnormal milk for checking. The second is pneumoniae. We treat Anti biotic. Third problem is little fever. We used Nsaids.</p>



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Nov 10 (Thu)	Today is forth day in KPS-VTH. We have five cases in this day. I interested in abdominal distension case in cattle of India-Brazil spcies. I listened ping sound and gas sound in both side of cow around abdominal. I think ruminal drinker read GI track disorder.
Nov 11 (Fri)	Today is last day in KPS-VTH. I interested in abdominal distention for cattle of India-Brazil. Docter decide to surgery. The cecum expand after laparotomy.
Nov 12 (Sat)	No training
Nov 13 (Sun)	No training
Nov 14 (Mon)	Today is first day in demonstration farm. Teacher give us a task that about herd health for cattle. We choose foot and mouth desease.in the afternoon we go to demonstration farm and get the data about FMD.
Nov 15 (Tue)	Today is second day in demonstration farm. Teacher lectures about rectal palpation for pregnancy appraisal and heat appraisal. After lecture, we do for 15cattles in about 3 hours . So I am tired.
Nov 16 (Wed)	Today is third day in demonstration farm. teacher lectures about partial anesthesia and correct blood and urine in this morning.in the afternoon we do epidural anesthesia, angular nerve anesthesia auricular nerve anesthesia. but practice cattle is very aggressive so it is hard.



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<p>Nov 17 (Thu)</p>	<p>Today is forth day in demonstration farm.in the morning teacher lectures about Infection(FMD, babesiosis, trypanosomiasis and tyleriosis) I am very interested in FMD because I can not see FMD in Japan. In Thai ,we do not kill the FMD cow for prevention pandemic in general due to religion. So I think it is difficult to become FMD free in Thai.</p>
<p>Nov 18 (Fri)</p>	<p>Today is last day in demonstration farm. In the morning, we prepare presentation.IN the afternoon I hear presentation about BLV infection and present about FMD infection. I know there is not vaccine for BLV virus because BLV virus is lived in B lymphocytes. so it is difficult to prevent BLV. But there are BLV free countries (Denmark , UK)</p>
<p>Nov 19 (Sat)</p>	<p>No training</p>
<p>Nov 20 (Sun)</p>	<p>No training</p>
<p>Nov 21 (Mon)</p>	<p>Today is first day of equine clinic. I learned about physical examination for equine. It is important to check hoof and abdominal intestine for horse. But I do not know the anatomy for abdominal organs of equine. So I study about the anatomy</p>
<p>Nov 22 (Tue)</p>	<p>Today is second day in equine clinic. Docter gives us patient. The name is Boucow. He had a colic and did operation 4days ago. In this morning, We went to demonstration farm and lectured about how to check lameness. In this afternoon We lectured how to wrap a bandage and practiced.</p>
<p>Nov 23 (Wed)</p>	<p>Today is third day in equine clinic. In this morning, The horse he is depressed came to hospital. I checked right ventral gut sound but I could not listened but listened only gas sound. In this afternoon, I saw the surgery case of castration. Teacher selected open-castration because the technique is easy and can operate quickly.</p>



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Nov 24 (Thu)	Today is forth day in equine clinic. In this afternoon, Teacher lectured about electro-cardiogram for equine. I was surprised the difference between dog and horse. There are two waves in the P-wave and QRS-wave faces downward. After the lecture, We practiced.
Nov 25 (Fri)	Today is fifth day in equine clinic. All Thai student went to job fair so There were only Japanese student. I did physical examination by myself and injected medicine via inter vascular. Doctor hold the horse perfectly so It was easy to do injection. I feel holding is very important.
Nov 26 (Sat)	No training
Nov 27 (Sun)	No training
//Nov 28 (Mon)	Today is sixth day in equine clinic. We made a presentation about our horse case. Our horse came hospital because he had a colic. We researched that how to cure colic and how much is survival rate after surgery for colic for making this presentation. After the presentation, a lot of doctor gave us many many difficult question So we could not answer this. Doctor said you should search .We have a lot of homework



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<p>Nov 29 (Tue)</p>	<p>Today is seventh day in equine clinic. We were Lectured about surgery(equipment, drug ,blood chemistry) Doctor ask us that In the surgery room what is there(equipment, drug...). So we went to surgery room and counted many equipment. But we could not open the box which has surgery equipment(scissors, crump... ) Because、 it was already sterilized it. We answered we cannot open it, Doctor laughed.</p>
<p>Nov 30 (Wed)</p>	<p>Today is eight day in equine clinic. We were lectured about theriorogy for horse. It was very difficult to make conception for horse because Horse is seasonal breeders. Sunshine hours rerated to lead estrus. Doctor gave us some question whether it is good time for breeding or not. I felt it is difficult. So I study more and more about theriology.</p>
<p>Dec 1 (Thu)</p>	<p>Today is ninth day in equine clinic. We observed operation. The horse had splint bone fracture and colic. At first doctor anesthetize horses by Xylazine, Butorphanol, Ketamine, Isoflurane. After this Doctor approach to splint bone, and open abdomen. Doctor operated so quickly and accurately I think. I was happy because this is first time to observe horse surgery.</p>
<p>Dec 2 (Fri)</p>	<p>Today is last day in horse clinic and only Japanese student had oral examination in Bovine unit. In the morning we had exam for Bovine.At first I was nervous but the topics are mastitis, FMD, milk fever and remain placenta. I met all case in Bovine term so I could reply some question. In the afternoon I had oral examination in Equine unit. It was very difficult because the topic is hoof and tendon but I did not study . I studied only colic and hoof. After exam, we had a presentation about AIMs program so we should prepared as soon as after finished exam. After this we had a welfare party. I talked with Thai students and HU,TUAT,RGU student about life in Thai I missed everything in Thai after talking. But I hoped to make use of this experience. Thanks for everything.</p>



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Dec 3 (Sat)	No training
Dec 4 (Sun)	Today is departure date to Japan. Experience in Thai make me grow not only as a veterinary student but as a person. I am appreciate for AIMs program staff, teachers in KU and KU, HU, TUAT and RGU student. Thorough this program, We know the importance of Learning, thinking, and performance. This experience will help me as veterinary in the future.