



Weekly Report Rakuno Gakuen University Name Mio Azuma

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.

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| Sept 9 (Sat) | No training |
| Sept 10 (Sun) | In the morning, Kasetsart University student showed us around the hospital and the classroom. After that they took us to buy many things for example black skirt. We didn't know where is shopping center, so we were very saved. |
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| Sept 11 (Mon) | We had our first class. We studied epidemiology. We divided into three groups and were given group work. We selected water pollution of underground as the theme. We made poster and explained it. We were given the continuation as homework. It is very difficult to communicate in English. I reassured necessity of studying English. |
| Sept 12 (Tue) | We learned basics of epidemiology in the morning and application part of it in the afternoon. I had a hard time to understand the course content and how to use a personal computer. Although it was difficult for me in Japanese, it was more difficult if it is in English. My friend and professors helped me, so I managed to understand. |
| Sept 13 (Wed) | Continuing from yesterday, we used computers. It was very difficult the content in the morning. The method of analysis was also more difficult than yesterday. But in the afternoon, I got to understand it. There were more things to understand while telling by my friends. I would like to deepen my understanding by reviewing firmly. |
| Sept 14 (Thu) | In the morning, we learned sample size. I knew for the first time that there was the application for it. There were many statistical processing. It took me a while to understand, but it was fun if I understood it. In the afternoon, we did Monday's continuation. We discussed in more detail for the presentation on Monday. |
| Sept 15 (Fri) | We went to Suvarnabhumi airport. It was very interesting visit for me. I didn't know the work in airport well. But in this visiting, I wanted to go to practice in Japan too. Veterinarian work with dogs there, so I felt it was different from other veterinary works for example animal hospital. I would like to know more the work in airport. |
| Sept 16 (Sat) | No training. |
| Sept 17 (Sun) | No training. |



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| Sept 18 (Mon) | In the morning, we presented the poster that we made from last Monday. After then, we corrected it around a point pointed out by professor. It was difficult because we were found the luck whenever we give presentation. But I felt it was good for me very much. I thought this class form was maybe difficult in Japan. So, I thought that it was very good experience. |
| Sept 19 (Tue) | From today to tomorrow, we go Lopburi for epidemiological survey. The theme of our group's presentation is water pollution, so we went to a landfill. There was so many garbage and some were blown by the wind to nearby farms. It is a very severe problem. My professor asked us what we should do to solve it, yet I didn't have any idea. |
| Sept 20 (Wed) | We collected some sample of soil and air condition in landfill. Also, we collected some household water samples. It was the first time to know how we sample them. After noon, we went to the downtown area of Lopburi. There were so many monkeys. We learned how they live downtown and relationship between people and them. |
| Sept 21 (Thu) | We prepared the presentation all day. We changed our presentation 's theme. So, we remade constitution of it and looked for some documents which were used for reference. My friends helped me and we made up it. If it was not group work and I do it only, I couldn't finish in such a good result. I was very grateful to my friends. |
| Sept 22 (Fri) | We were divided into three groups and gave presentation. Dr. Suporn pointed out some mistakes of it. We have to modify our contents until two weeks later. In this class, I leaned that how to make a plan of the survey and I felt its difficulty and hardship. I want to be able to communicate better in English and understand more this class content throughout two weeks. |
| Sept 23 (Sat) | No training |
| Sept 24 (Sun) | No training |



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| Sept 25 (Mon) | From yesterday, I came to Hua Hin with 8 RGU students. We joined clinical unit. I was assigned O.P.D and Dr. Knee taught me all day. I saw cases such as parvovirus, spinal cord injury and mass in the eye. I belong to the physiology laboratory, so the actual clinical site was new for me and interesting. |
| Sept 26 (Tue) | Continuing from yesterday, I was taught by Dr.Knee. Today's cases lasted for many divergences including the postoperative follow-up, malassezia and babesia from vaccination. There is a university hospital, but various cases come there. I thought it is different from Japanese university hospital. It was very fun and interesting to join the class in Hua Hin. |
| Sept 27 (Wed) | I joined the surgery unit from today. I saw many cases for example perianal mass, maxillary tumor, disc herniation and metacarpals fracture and etc. I participate in surgery as not only the seeing of the operation but also the assistant of it including the suture. It was the first time for joining the surgery and the valuable experience. |
| Sept 28 (Thu) | No training. |
| Sept 29 (Fri) | As for the case of this day, a bone fracture was main content. I saw the real operation using a plate and intramedullary pin. In the afternoon, I joined the placentation about rabbit treatment and the basic endocrinology in veterinary medicine. And in the evening, I participated in the surgical training for example the suture. |
| Sept 30 (Sat) | No training. |
| Oct 1 (Sun) | No training. |



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| Oct 2 (Mon) | From today, we had pathology class. The pathology is the subject that I cannot understand very much. It was explanation in English, but it was able to understand than before because the professor explained it clearly. In the afternoon, we made a blood smear for observing it with a microscope. It was different how to do it from RGU university and it is difficult for me. |
| Oct 3 (Tue) | In the morning, we conducted two necropsy of the dog. I had seen a pathological anatomy at the zoo I went to practical training so far, but it was the first time to actually doing it oneself. Also, the professor explained us the disease from macroscopic finding and blood test results. I was impressed with his figure showing relationships more and more. |
| Oct 4 (Wed) | We received a school of neurology. There was some content we had learned in Japan once and it was a good review as I had cases in English. It was interesting to see photographs and movies of first time cases in the professor's slideshow. The content on dog's Alzheimer was particularly interesting. |
| Oct 5 (Thu) | We had a class of exotic animal clinic in the morning and swine clinic in the afternoon. We mainly learned about DAMNITVP and POMR in exotic animal clinic. We had learned about DAMNITV in RGU class, but I didn't know "P" of DAMNITVP and POMR. ROMR represent flow of examination. We learned when and how I use DAMNITVP in examination and how I conduct the differential diagnosis. |
| Oct 6 (Fri) | Dr. Kanita taught us about equine. This case was wound at metacarpal area of right forelimb. So, we started learning from the anatomy of horse legs. I knew the bone and muscle in Japanese, but I couldn't explain them because I didn't know them in English. I have to study technical term more and more. |
| Oct 7 (Sat) | No training. |
| Oct 8 (Sun) | No training. |



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| Oct 9 (Mon) | From today, we had microbiology class with Thailand student. We were gave the case of circle around to puzzle disease. In the morning, we learned vaccination program and clinical sign, history. In the afternoon, we observed lesion. We considered the problems of that case and researched it. And then we discussed about it. |
| Oct 10 (Tue) | We did the continuation of task of yesterday. We were gave tissue lesion and the result of culture and discussed what pathogen infected the case. Also, we conducted PCR of circovirus. We have done PCR in Japan but it's been a while ago. Thailand student had never done it. So it was so hard to do it. |
| Oct 11 (Wed) | We did second case study. We learned the history and lesion and had discussion just like Monday. I was nervous and couldn't presentation it as I thought on Monday. But tension became disappointing because I became friends with Thailand students it became better than Monday. |
| Oct 12 (Thu) | In the morning, we did presentation and discussion just like Tuesday. After then we learned RT-PCR method. Although I had done PCR, it was the first time to do RT-PCR. In this week, I felt I had to study more because Thai students were very smart and I couldn't discuss with them well. I want to learn technical term and veterinary medicine more. |
| Oct 13 (Fri) | No training. |
| Oct 14 (Sat) | No training. |
| Oct 15 (Sun) | No training. |



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| Oct 16 (Mon) | From yesterday, I came to Hua Hin again. I was assigned O.P.D and Dr. Chap taught me all day. I saw cases such as cardiac hypertrophy, chronic valvular heart disease (CVHD) and infection in the eye. When I came here 2 weeks ago, I didn't see chronic disease. So these were very interesting. In especially, CVHD case was sever, because it is difficult to find until appearing clinical signs. I was forced to think the importance of owner's daily observation. |
| Oct 17 (Tue) | Continuing from yesterday, I joined O.P.D. unit. I was taught by Dr. Hong. Many came today as well for example pancreatitis, vaccination, dehydration and pneumonia. Two dehydration cases came today. Both case suggested similar symptom, but blood test not same. So doctor decided different cause and treatment. It was difficult to decide disease. |
| Oct 18 (Wed) | I participated in O.P.D. also today. Many cases came to the hospital. Especially impressive case was the dog suspected rabies. It was not the cases I was in charge directly, but I saw it. The symptom was very shocking. The rabies is free in Japan, so it is the first time I saw it. It was the good experience. |
| Oct 19 (Thu) | From today, I joined surgery unit. Today's cases was uterine empyema, mandibular tumor, repair graft, body ilium fix and etc. I did support of the surgery and tried the suture at the skin and electrical scalpel for stopping breeding. In Japan, if the students join the surgery, the teachers don't let them do it. It was good experience for me. |
| Oct 20 (Fri) | The cases uterine empyema, ovarian remnant, castration. I had seen the castration surgery of cow, but I had never seen it of cat. I was surprised it was very speedy. I saw the palliative treatment for pain by laser. It was good I saw many cases that it was from basic things such as vaccines to difficult case such as mandibular tumor in Hua-Hin. |
| Oct 21 (Sat) | No training. |
| Oct 22 (Sun) | No training. |



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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) | No training. Back to Kamphaeng Saen. |
| Oct 29 (Sun) | No training. |



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| Oct 30 (Mon) | I participated in equine unit in this week and next week. In the morning, I had orientation and was explained about the horse hospital and hospitalized individual. My group was in charge of the horse name is Deven. She suspected gas retention and enteritis. In the afternoon, we went to equine farm in the university and practiced horse physical examinations for example measure heart rate and respiration rate, injection and many things. |
| Oct 31 (Tue) | My group went to army horse clinic. There had many cases for example laminitis, dislocation and fungus infection. We also learned about dental care and gait abnormality. It was the first time for me to do dental care of horse. I was surprised that doctor did it just feeling, not looking. It was difficult to diagnose which feet were sick from seeing walking and jogging. |
| Nov 1 (Wed) | In the morning, we did physical examination of Deven. Especially I was taught gut sound, but it was difficult to auscultate it. In the afternoon, we saw small surgery. The horse had granulomas by pythiosis at her mouth. It was performed the operations with the horse standing. |
| Nov 2 (Thu) | In the same way as yesterday, we conducted physical examination of Deven in the morning. She became well, but she seemed to have laminitis in her front legs. We attached a cushion to her front hoofs so that load did not depend on forefoot too much. In the afternoon, the horse injured forefoot came to the hospital. We saw treatment and discussed about this case. And we learned about ultra sound examination of ovary. |
| Nov 3 (Fri) | In the morning, I did physical examination of Deven. I listened to her gut sound, yet after all it was difficult for me. It was important to do many times. After then we made the document for presentation on next Friday. In the evening, I was took to Loy Krathong Festival. |
| Nov 4 (Sat) | No training. |
| Nov 5 (Sun) | No training. |



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| Nov 6 (Mon) | I also joined in the equine unit in this week. In the morning, My group did physical examination of Deven as usual. Any cases didn't come this day because the weather is not good. So we researched paper and made document for presentation on Friday after then. In the afternoon, the symptoms of hospitalized horses worsened and doctors decided to euthanasia. |
| Nov 7 (Tue) | I did physical examination of Deven in the morning and took the X-ray of her forelimb. After then, we went to Nakhon Ratchasima for follow-up of treatment. There was so far. It took 4 hours by car from our university. Next we went to Nakhon Nayok for castration. This place was also far, so we arrived at our dormitory at 10 pm. I was very tired. |
| Nov 8 (Wed) | My group did physical examination of Deven and doctor decided that she can leave the hospital. So she was discharged from our hospital in the afternoon. We had surgery of latent testicle. Group O and P separated three groups; anesthesia, monitoring of anesthesia, awakening. I participated in anesthesia group and prepared anesthesia for the surgery. |
| Nov 9 (Thu) | We prepared the presentation on Friday all day. We made document and thought query measures from professors. In the evening we started the study for our examination next day. We did many question for Thai student and they kindly taught us. |
| Nov 10 (Fri) | In the morning, we had presentation of our case that we saw and took care. In the afternoon, Japanese student had examination. We discussed about many cases with a professor; for example Trypanosoma infection, ligament injury and pus. It was like case conference and I learned a lot. |
| Nov 11 (Sat) | No training. |
| Nov 12 (Sun) | No training. |



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| Nov 13 (Mon) | From today, my group participated in bovine unit. In the morning, I took a lesson about presentation on this Friday. After then we discussed about theme for presentation. In the afternoon, we went to demonstration farm in the University and got a farm and a facility guide. I was surprised that the structure of the cow barn was quite different from Japan. |
| Nov 14 (Tue) | In the morning, the professor did the class about rectal palpation and trans rectal ultrasonography. After then, we actually tried it. I have ever do rectal palpation of cow, but I had never do trans rectal ultrasonography. I'm not good at rectal palpation, so it was difficult. On the hand, it was not difficult to do trans rectal ultrasonography, although it was the first time for it. In the afternoon, we discussed about presentation and surveyed teat end score and udder hygiene score. |
| Nov 15 (Wed) | We made a presentation for Friday all day. I searched the paper about the suggestion of problem and made the document. However We had my professor check the presentation, he pointed out a lot of problems. So we made a number of points again. |
| Nov 16 (Thu) | In the morning, we made a presentation continuing from yesterday. I searched about risk factor of the problem and made the document. In the afternoon, we went to the demonstration farm and researched teat end edema of cow. In the evening, we practiced presentation. I was in charge of it, so I thought of a script of it and practiced many times. |
| Nov 17 (Fri) | In the morning, we practiced presentation. And in the afternoon, we did it for our professor. I was very nervous to explain in English. It was hard to prepare the presentation, but it was good experience. Next time, I want to presentation more good. |
| Nov 18 (Sat) | No training. |
| Nov 19 (Sun) | No training. |



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| Nov 20 (Mon) | My group joined bovine unit from last week, but we went to house call and participated in O.P.D. In this week. We were separated in three groups. I went to house call and saw some cases for example frothy bloat, mastitis and pneumonia by bacterial infection. After coming back, we made the PowerPoint for presentation on Wednesday. |
| Nov 21 (Tue) | Only Japanese students participated in O.P.D because Thai students had graduation ceremony. In the morning, we cared the hospitalized individual. After that, we saw the surgery of sheep. The sheep had pregnancy toxemia and abortion. It was the first time to see the Caesarean section. |
| Nov 22 (Wed) | We joined O.P.D. of bovine unit. In the morning, We saw the surgery of umbilical hernia and my friend tried the suture of calf skin. In the afternoon, we saw mass by papillomavirus and making the vaccine from it. It was the first time and interesting. After that, we went to the wildlife hospital. We saw the foot care of elephant. |
| Nov 23 (Thu) | Almost students in Kamphaeng Sean participated in International Conference on Veterinary Science 2017(ICVS 2017). It was the first time to join the international conference. It was very interesting. But some presentations were conducted in Thai and I couldn't understand the contents. It was the only disappointing point. |
| Nov 24 (Fri) | No training. |
| Nov 25 (Sat) | No training. |
| Nov 26 (Sun) | No training. |



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| Nov 27 (Mon) | From today, my group participated in the wildlife unit and went to the elephant hospital in the campus. In the morning, we had the class about the job of wildlife veterinarian. Professor talked about the AI of elephant. It is the rare case, it was good experience. In the afternoon, we did treatment elephant foot pad. My Thai friends knew that I want to be zoo veterinarian, so they gave me an assistant of this case. |
| Nov 28 (Tue) | Today and tomorrow, my group went to the animal hospital in Bangkok for exotic animal O.P.D. we separated in three small groups and were in charge of the different cases. My group saw some cases for example alopecia of guinea pig, crop inflammation of bird and no appetite of hedgehog. Every case was good experience. |
| Nov 29 (Wed) | Continuing from yesterday, we joined exotic animal clinic in Bangkok. Today's cases were cutting nail of hedgehog, jaundice of mongoose, sugar glider bitted his tail by stress, foot pad injured of rabbit. The reason of every case came to the hospital was different from it of dogs and cats. It was interesting. |
| Nov 30 (Thu) | We had the presentation of exotic animal clinic in the morning. My group choices the case of Guinea Pig's alopecia as the theme of this. Dr. Pornchai pointed many things and we had to explain many things. After then, we remade the presentation around the points pointed out by the professor and send it to him. |
| Dec 1 (Fri) | No training for VISA extension. |
| Dec 2 (Sat) | No training. |
| Dec 3 (Sun) | No training. |



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| Dec 4 (Mon) | In this week, my group went to Nong-pho for bovine class. We separated to four small groups and went to farm visit. My case was the cow had hypocalcemia and mastitis. Only Japanese students stayed at Nong-pho dormitory. This dorm didn't have hot water shower, just water one. So I was cold after taking the shower. |
| Dec 5 (Tue) | Only today, my group was divided into Japanese students and Thai students. Japanese students were separated two groups and went to farm visit. My cases were placental stagnation, in heat and rectal palpation. I had ever seen some placental stagnation cases, but the first time I saw the pet bottle attaching the placenta for pulling down it. It was shocking for me. |
| Dec 6 (Wed) | We went back to Kamphaeng Sean for participating in bovine conference. This conference used Thai language, so I couldn't understand everything. But my Thai friends translated for me and help me. Thanks to them, I could understand something. It was fun to know the different and same thing of Japan and Thai. |
| Dec 7 (Thu) | I went to scenery farm all day. It was the tourist ranch in Thailand, so there was very beautiful. I and two Thai students gave many sheeps anthelmintic of parasite from morning till evening all the way. It was very hard. But I could see the sheep and dog show there and it was fun. I had seen the some local farm, but I had never seen the tourist ranch. So it was good experience. |
| Dec 8 (Fri) | In the morning, all Japanese students had oral examination of bovine. It was difficult. Doctor asked us normal value of cow physical examination and CBC, bovine disease and medicine for treatment. In the afternoon, we did the presentation about this program. And after that, we had farewell party and did some performance. Today was very hard and funny. I want to tell everyone "Thank you". |
| Dec 9 (Sat) | No training. |



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| Dec 10 (Sun) | No training. |
| Dec 11 (Mon) | No training. |