



Image from: <https://www.topinspired.com/rare-cat-breeds/>

Geteye Nwosu, the Sokoke

Presenting Case

Geteye is a 5 year old, intact male, Sokoke who has come in for his annual check up and vaccines. Geteye's family, the Nwosus, feed him a kibble and canned diet of Instinct, The Raw Brand, Ultimate Protein diet, a cage free-chicken recipe as well as Catit Creamy twice a day, a lickable cat treat that comes in a packet with added taurine.

During Geteye's assessment, the Nwosus shared that over the last few days he seemed to be chewing only on the left side of his mouth. The veterinarian began to assess his head and mouth and noticed that his oral mucous membranes were inflamed. Upon further investigation, a few resorptive lesions and a broken upper right canine tooth were discovered. His head exam showed he has a comfortable occlusion, normal retropulsion of the globes and lymph nodes were a normal size. The rest of Geteye's physical exam findings showed he was overall a healthy adult cat.

A full CBC, chemistry profile and urinalysis was collected and processed that day. All of Geteye's values were within normal limits. A dental prophylaxis was booked to clean and remove a few teeth which will address Geteye's painful eating.

Day of the Dental Prophylaxis

A fellow co-worker and RVT performed the full mouth dental radiographs, administered the local nerve blocks for those teeth that have been identified as needing to be extracted and was half-way through the dental prophylaxis procedure on Geteye when their child's school called them. The school said their child is showing symptoms and they have to pick them up right away, do the take home COVID test, and quarantine until the results come back.

You offer to take over and finish the dental prophylaxis. Your co-worker explains that Geteye has been doing well with the general anesthesia. They completed up to the polishing of the left buccal side, right palatal and lingual side and have charted the findings. They are very grateful for your help and leave immediately to pick up their child. The hospital manager says the next RVT is arriving in about 30 minutes and can take over for you so you can go on to your next scheduled appointment.

You put on your PPE and look at Geteye to make sure he is set up appropriately for the dental prophylaxis. Identify key things that you double check to ensure your patient's safety and comfort before proceeding with the remainder of the procedure:

Key Patient Safety and Comfort Considerations (5 marks)

Create a new row for each entry

Now that you are confident Geteye is safe and comfortable, you review the dental chart (see the last page of this case study) and what has been documented so far by the RVT that has left. You notice there are several notations on the chart that identify areas of concern on the patient. Explain what each notation on the chart means:

Notation and Meaning (16 marks)

Create a new row for each entry

The RVT has also noted that quadrant 200 and 300 have a plaque index of PI2; calculus index CI1; gingival index GI3. Describe what each of these grades tell you.

Grade and Meaning (3 marks)

Create a new row for each entry

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Is there anything that you can identify with the previous RVT's charted findings that you need to double check?

What on the chart are you going to double check (2 marks)

Create a new row for each entry


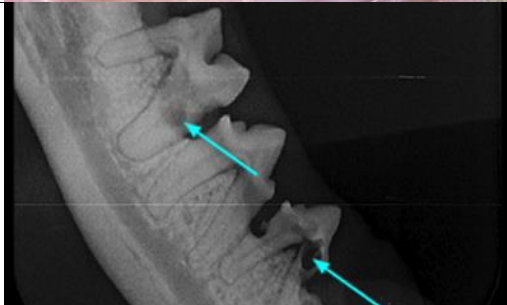
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You are now ready to proceed with the dental prophylaxis and need to confirm you have all the materials and equipment available. Describe all the steps you will take to complete a dental prophylaxis, identifying the material and equipment you need in the order of their use, what they are used for and how you are going to use them.

The Dental Procedure (24 marks)			
Create a new row for each step			
Step	Equipment or material	What it's used for	How it's used

As you perform the dental prophylaxis on the remaining side, you note several areas of concern. Document the following on the patient's dental chart:

Descriptions to Chart (8 marks)
The third right upper premolar has a pocket depth of 2mm
The upper right third incisor has marginal gingivitis with minimal inflammation at the free gingiva; no bleeding on probing.
The upper right molar moves side to side and front to back.
The lower fourth premolar has a cavity on the rostral aspect of the buccal surface that extends into the dentin but not into the pulp which was confirmed with the radiographic image.

Images to Chart (8 marks)	
Looking in the mouth and at the radiographic image, identify and chart what the arrows are pointing at.	
	

<p>Identify and chart what is circled.</p>	
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Now that you're finished with the dental prophylaxis, you confirm that the nerve blocks were effective and let the veterinarian know Geteye is ready for his tooth extractions. Based on your findings, the Veterinarian determines that overall there is a stage 2 periodontal disease. While the veterinarian performs the extractions, you finish the dental chart and begin to make your notes for home care recommendations. These recommendations will be provided to the Nwosu family so they can manage Geteye's pain while he heals from the extractions and also so they can help prevent plaque from building up on his teeth when he gets home.

Provide your client home care recommendations below.

<p>Home Care Recommendations (4 marks) Create a new row for each entry</p>

Geteye's entire procedure has gone well and he is now being closely monitored in recovery where he is resting comfortably with pain medication, continued IV fluid support and warm blankets. You call the client to let them know how things went and share with them your recommendations for home care which you have also put in writing for them. The Nwosus schedule to pick up Geteye in a few hours and bring him home. You're proud of the expert quality care and work you've provided Geteye and know he will soon be feeling good again with a healthy mouth.

Post your completed written submission and dental chart in the midterm exam folder in Brightspace.

This Midterm Evaluation is worth 30% of the final course grade.		
Evaluation Criteria		Comment
Patient Safety	/4	
Notation and meaning	/16	
Grade of P/G/C	/3	
Things you will double check	/2	
Dental Propy	/26	
Charting Written Information	/8	
Charting Images	/8	
Home Care Instructions	/3	
Overall Chart Presentation	/5	
Total	/75	

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