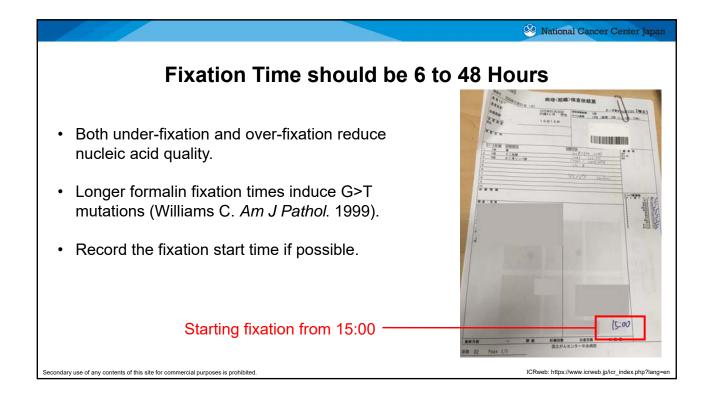
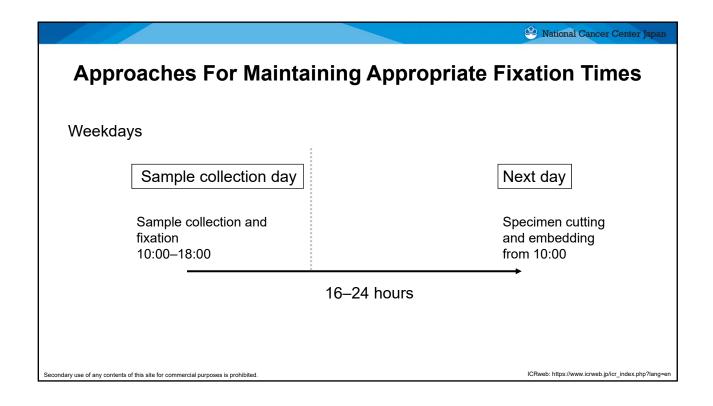
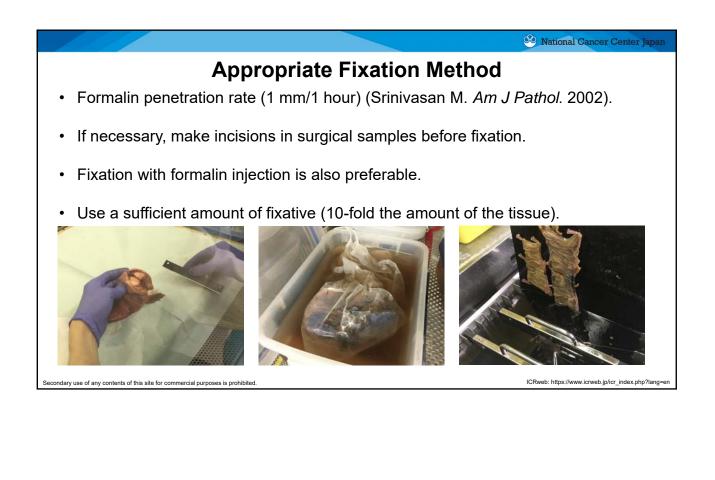


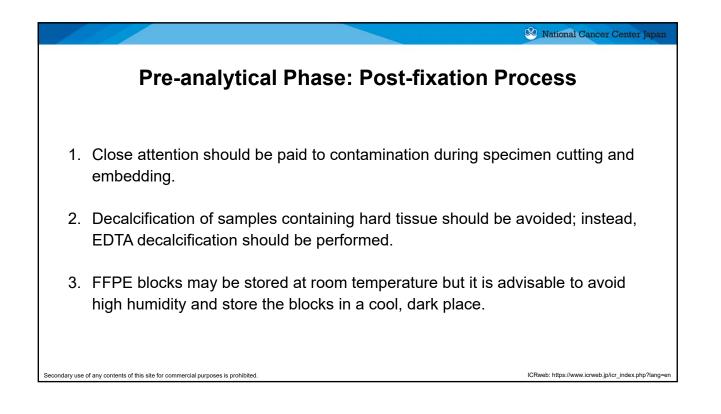
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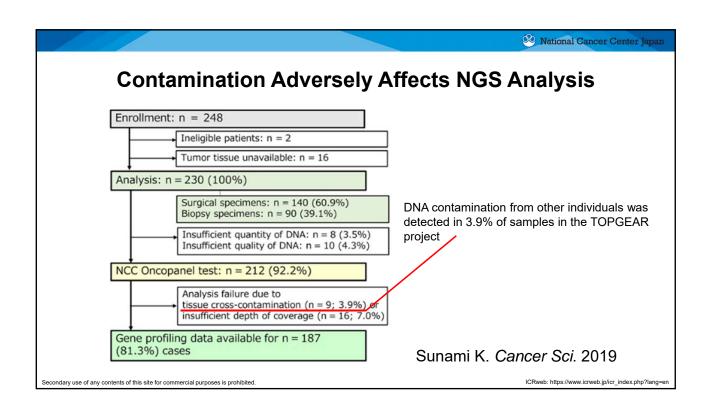


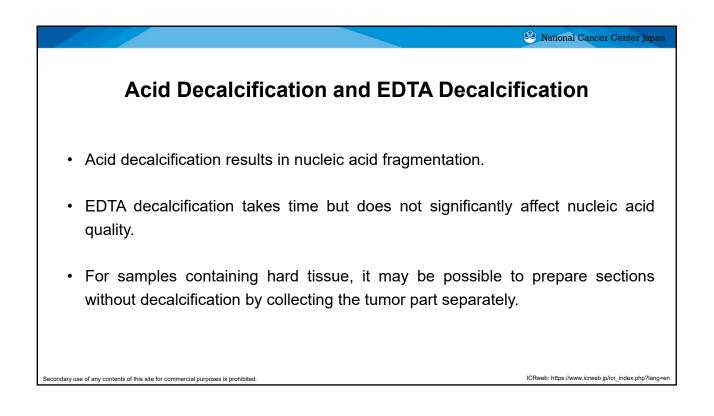
				🔅 National Cancer Center Japan			
Approaches For Maintaining Appropriate Fixation Times							
When procedures are performed on weekends or consecutive holidays							
	Friday	Saturday	Sunday	Monday			
Previous	Sample collection and fixation 16:00			Specimen cutting and embedding From 10:00			
		66 hours					
•	Sample collection	•					
After improveme	and fixation 16:00 nt 18 h	From 10:00	Shifts should be scheduled to enable processing for samples submitted on Fridays or before consecutive holidays				
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FFPE Block Storage

- Whether the storage temperature of FFPE blocks affects sample quality is controversial.
- · Currently, it is thought that there are no major issues if the blocks are stored in a cool and dark place. (Avoid high temperature and high humidity)

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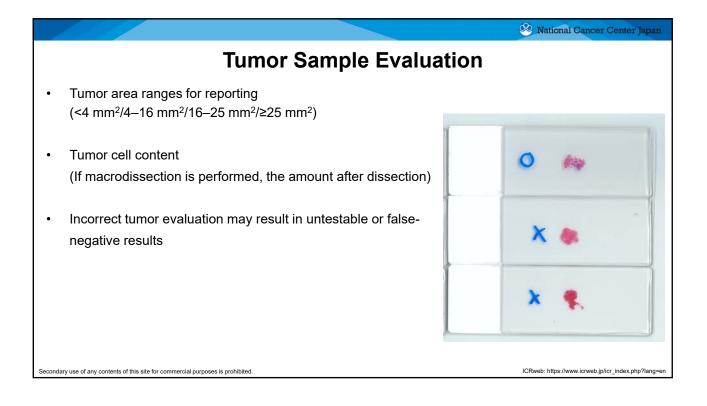
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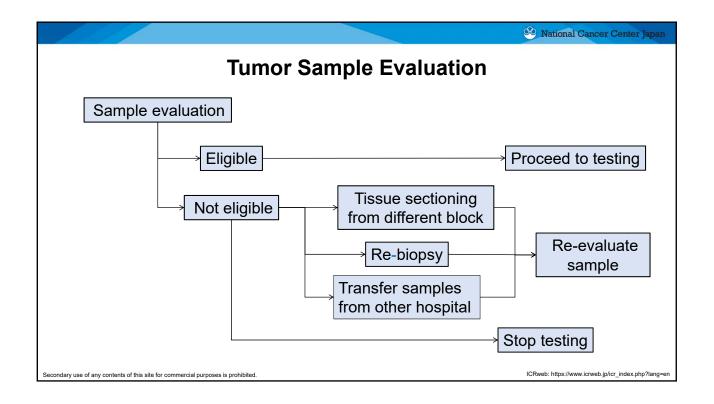
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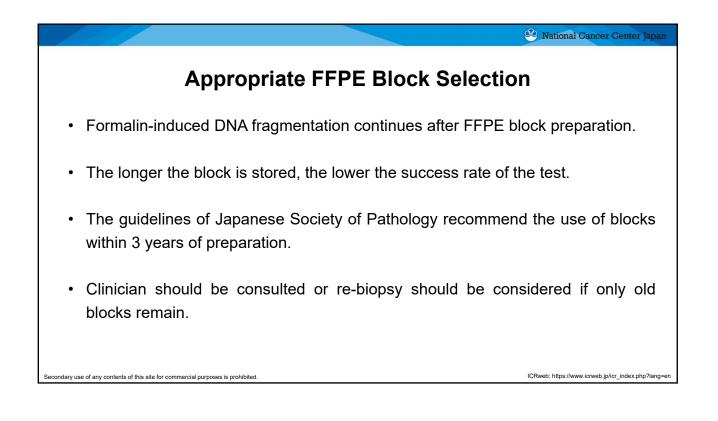
Analytical Phase

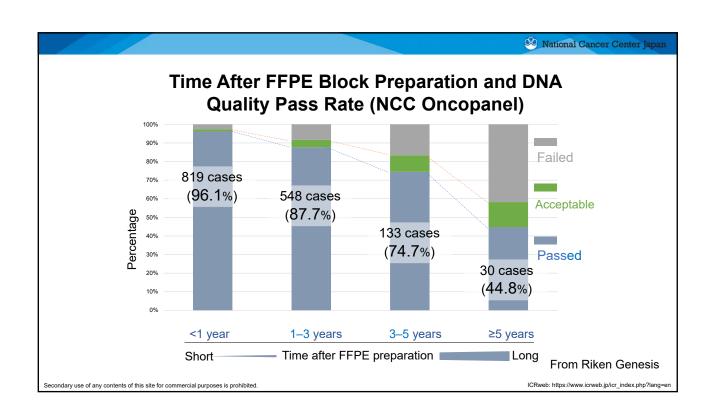
- 1. The pathologist should select a suitable FFPE block (tumor sample evaluation).
- 2. If multiple samples have been resected and collected at different times from the same patient, the most recent samples must be used.
- 3. Precautions must be taken to prevent cross-contamination of samples, such as by replacing the microtome blade for each sample during tissue sectioning.
- 4. HE slides and unstained slides should be prepared at the same time, the tumor volume and tumor ratio should be evaluated, and, if necessary, the region occupied by the tumor should be marked in the slide.

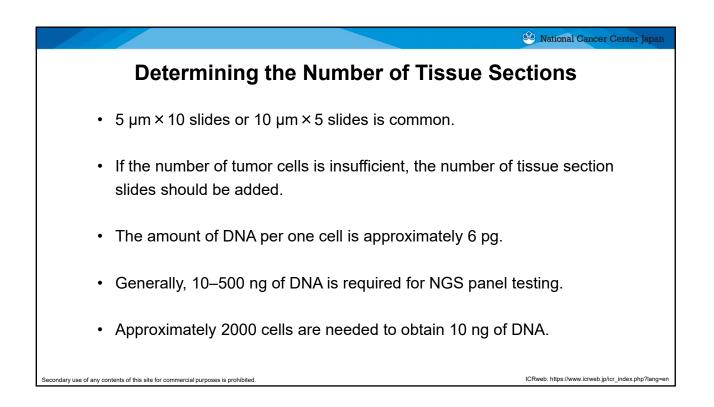


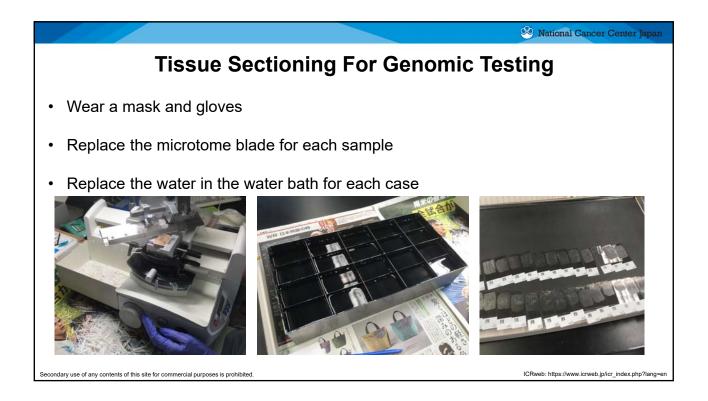


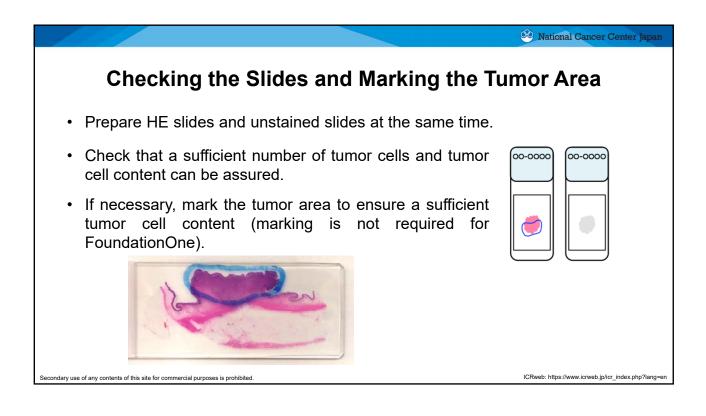
			Se Nation	nal Cancer Center Japa		
Appropriate Block Selection						
Be co	ognizant of the s	ample requirements for th	e NGS panel tests.			
	best samples are a high tumor ce	e as new as possible, cont Il content.	ain numerous tumo	r cells, and		
	C					
	C	quirements for NGS panel test OncoGuide [™] NCC Oncopanel System	FoundationOne®CDx Cancer Genomic Profi			
	C	quirements for NGS panel test OncoGuide™				

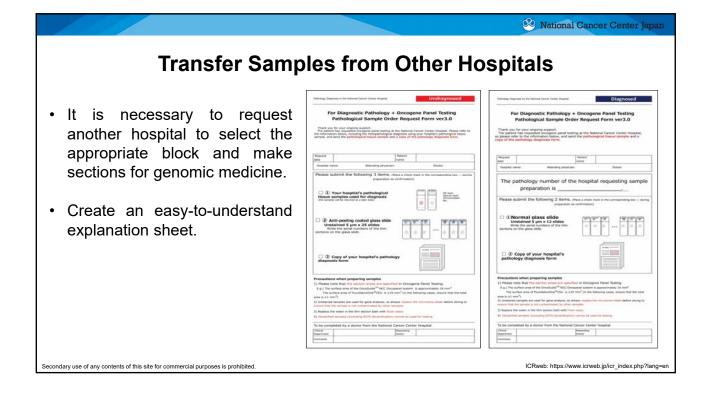




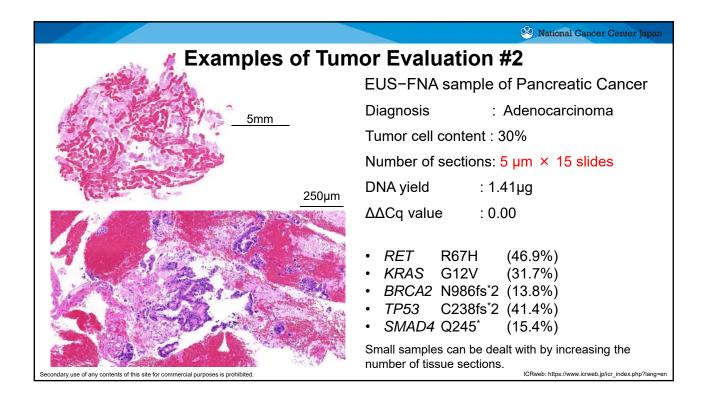


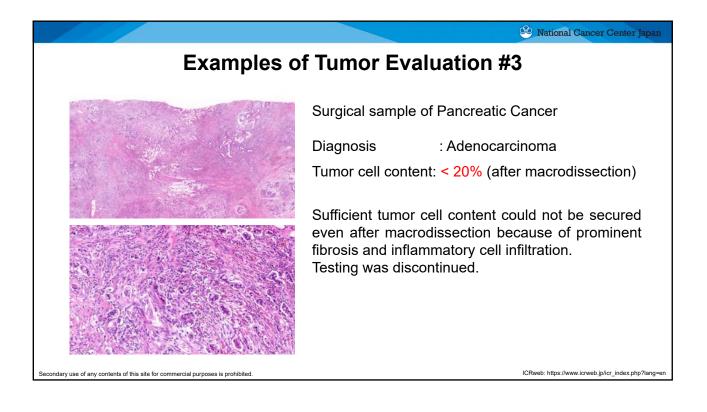


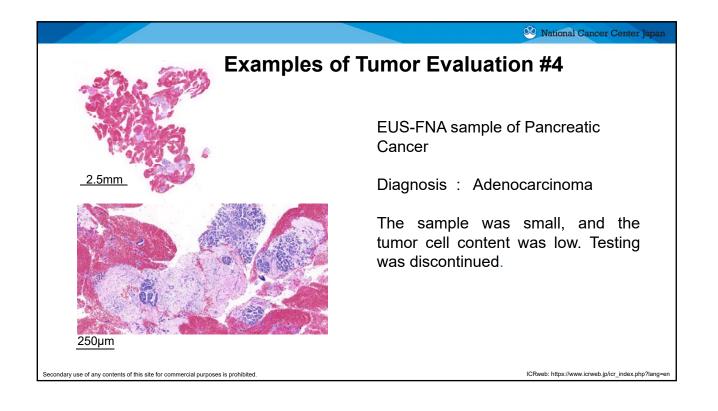


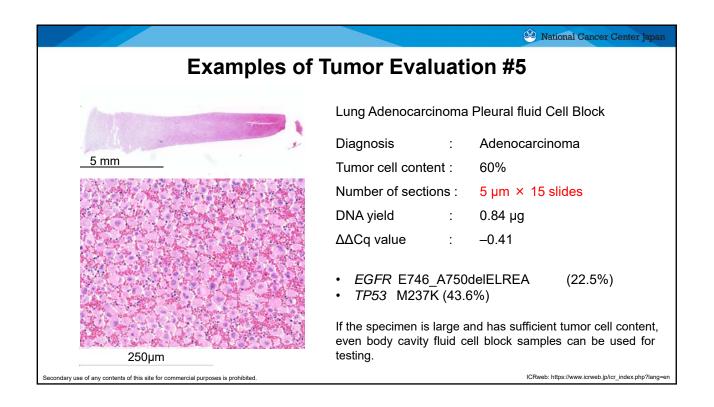


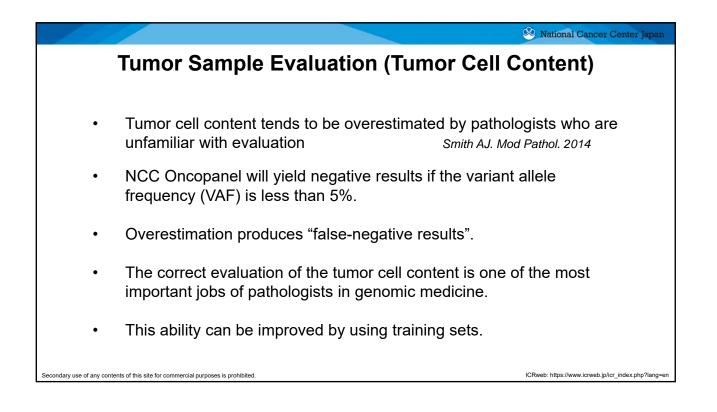
	🥸 National Cancer Center Japan				
Examples of Tumor Evaluation #1					
bit of the state	Surgical specimen of Colorectal Cancer				
	Diagnosis : Adenocarcinoma				
	Tumor cell content : 50% (after macrodissection)				
	Number of sections: 5 μ m × 10 slides				
	DNA yield : 18.655 µg				
	ΔΔCq value : 0.36				
Second A	• APC R216* (27.8%)				
	• APC Q1338* (25.6%)				
	• <i>TP</i> 53 R278H (46.9%)				
	Ensure that the dissection range of the surgical sample				
Contraction of the second	includes as little non-tumor tissue as possible, including necrosis, abscess, and lymphoid follicles.				
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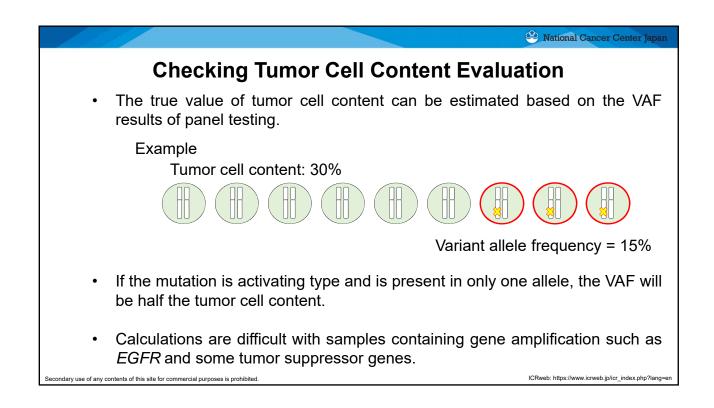


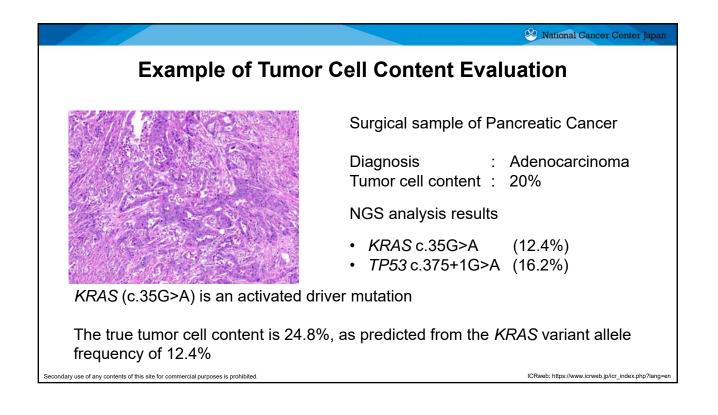


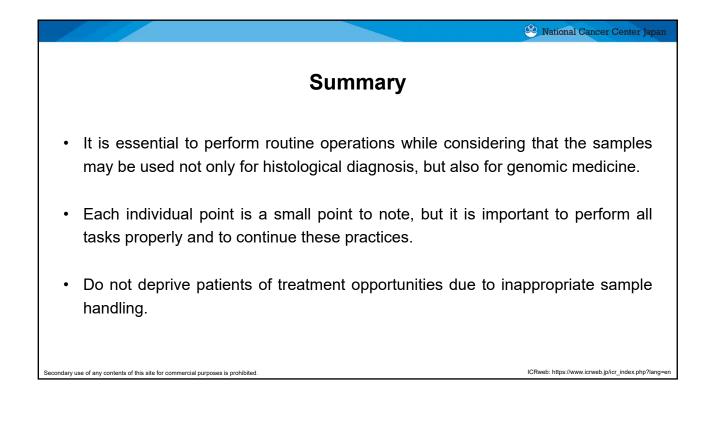












🥸 National Cancer Center Japan

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