



Name:

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

## Neuroblastoma Diagnosis

Date of Birth	
Date of Diagnosis	
Age at Diagnosis	
Gestational Age <i>If tumor discovered before birth</i>	
Parents	

Primary Doctor	
Type of practice	
Hospital	
Address	
Phone	

Pediatric Oncologist	
Cancer Center/Hospital	
Address	
Phone	

Allergies \_\_\_\_\_

Prior illness or hospitalization:  
\_\_\_\_\_  
\_\_\_\_\_

Family medical history  
\_\_\_\_\_  
\_\_\_\_\_

History leading up to diagnosis (*list all symptoms, such as fever, lethargy, pain, weight loss, bruises, etc*):

Date(s)	Symptom(s)	Doctor/specialty	Tests	Results

### OTHER BASELINE TESTS AND EVALUATIONS

Date	Test	Doctor	Result
	Hearing test		
	Echocardiogram		
	Weight (lb and kg)		
	Surface Area (m <sup>2</sup> )		

## Diagnosis information:

- ▶ be sure to obtain copies of every test result, including scans on CD
- ▶ reference ranges and units differ for some labs, so ask for reference ranges.

Date	SCANS	Doctor	Results (note reference range and record units ie mL/min)
	X-rays		
	Bone scan (Tc 99)		
	CT scan		
	MRI		
	Ultrasound		
	PET scan		
	MIBG: <input type="checkbox"/> I-123 <input type="checkbox"/> I-131		

## BIOPSIES

	Tumor biopsy		
	Bone marrow biopsy (bilateral)		
	Marrow aspirate <i>Immunocytochemistry (ICC at CHLA, Dr. Seeger)</i>		

## BLOOD *serum, list units*

Doctor/Hospital:

Date	Test	Result	Date	Test	Result
	Hemoglobin			Phosphorus (P)	
	Hematocrit			Potassium (K)	
	Platelets			Magnesium (Mg)	
	WBC/differential			Sodium (Na)	
	Serum ferritin			Calcium (Ca)	
	Serum lactate dehydrogenase (LDH)			Serum creatinine	
	neuron-specific enolase (NSE)			Alanine aminotransferase (ALT or SGPT)	
	Uric acid			Aspartate aminotransferase (AST or SGOT)	
	Alkaline phosphatase			Total bilirubin	

## URINE *indicate 24 hour vol \_\_\_\_\_ or spot test, list units*

Doctor/Hospital:

Date	Test	Result	Date	Test	Result
	homovanillic acid (HVA)			Dopamine	
	vanillylmandelic acid (VMA)			Metanephrine	
	Ratio: HVA/VMA			Normetanephrine	
	Epinephrine			Total urine catecholamines	
	Norepinephrine			Creatinine clearance	

**Stage and Tumor Classification:** Prognostic Factors at Diagnosis/Tumor Biopsy/Surgery  
 Indicate if the information was obtained from tumor biopsy at diagnosis or from tumor resection after chemotherapy

Tumor/Prognostic Risk Factors	Favorable/Unfavorable <sup>1</sup>	Child's NB Characteristics
Stage	See INSS chart	
Age at Diagnosis	<18 months with no MYCN amplification, favorable	
Location of primary tumor		
Size of primary tumor		
Location of metastases	No bone, marrow, favorable	
Percent tumor present in bone marrow		
Date of tumor biopsy		
Date(s) of primary tumor resection		
Surgeon		
Percent, location tumor remaining		
Shimada classification or histology, calcification	Differentiated, favorable Calcification, favorable	
DNA ploidy (DNA index 1.0 = diploid; 1.5 = triploid; 2.0 = tetraploid)	triploid, favorable di- and tetra-, unfavorable	
<u>MYCN</u> amplified copies	Amplification > 10 copies unfavorable	
Genetics: <u>1p deletion</u> , 3p deletion, 11q LOH, 17q gain, others	alterations unfavorable	
Serum GD2	Presence unfavorable	
CD44 antigen	Lack of expression, unfavorable	
Neurotrophin receptors TrkA, TrkB, TrkC	High levels of TrkA expression, favorable TrkB expression unfavorable	
HVA/VMA ratio	<1 is favorable	
NSE	< 100 ng/mL is favorable	
LDH	Normal is favorable	
Serum Ferritin	Normal is favorable	

<sup>1</sup>Cheung, Nai-Kong, and Susan Cohn, eds. Neuroblastoma. Berlin: Springer, 2005. (p. 79)