

## Clinician Management Resource for *NBN*

This overview of clinical management guidelines is based on this patient's positive test result for a *NBN* gene mutation. Unless otherwise stated, medical management guidelines used here are limited to those issued by the National Comprehensive Cancer Network<sup>®</sup> (NCCN<sup>®</sup>)<sup>1</sup> in the U.S. Please consult the referenced guideline for complete details and further information.

Clinical correlation with the patient's past medical history, treatments, surgeries and family history may lead to changes in clinical management decisions; therefore, other management recommendations may be considered. Genetic testing results and medical society guidelines help inform medical management decisions but do not constitute formal recommendations. Discussions of medical management decisions and individualized treatment plans should be made in consultation between each patient and his or her healthcare provider, and may change over time.

SCREENING/SURGICAL CONSIDERATIONS	AGE TO START	FREQUENCY
<b>Female Breast Cancer<sup>1</sup></b>		
Current data suggest that breast cancer risks are not increased for pathogenic/ likely pathogenic variants other than 657del5, for which there is mixed evidence for increased risk. Insufficient evidence for risk management	N/A	N/A
<b>Ovarian Cancer<sup>1</sup></b>		
Evidence insufficient, manage based on family history	N/A	N/A
<b>Other<sup>1</sup></b>		
Counsel for risk of autosomal recessive condition in offspring <ul style="list-style-type: none"> <li>If both parents have an <i>NBN</i> mutation, each of their children have a 25% chance to have Nijmegen breakage syndrome</li> </ul>	Individualized	N/A

1. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines<sup>®</sup>) for Genetic/Familial High-Risk Assessment: Breast, Ovarian, and Pancreatic. V1.2021. © National Comprehensive Cancer Network, Inc. 2020. All rights reserved. Accessed September 22, 2020. To view the most recent and complete version of the guideline, go online to NCCN.org. NCCN makes no warranties of any kind whatsoever regarding their content, use or application and disclaims any responsibility for their application or use in any way.