

CONTENTS

	Introduction	7
CHAPTER 1	Understanding Cancer	
	1. Cancer Overview	12
	<i>Rosalyn Carson-DeWitt and Teresa G. Odle</i>	
	Cancer is a group of almost one hundred diseases that cause uncontrolled cell growth. Cancers have been linked to family history, diet, pollution, infectious agents, tobacco, and other causes.	
	2. Cancer Among Young People: A Growing Trend	20
	<i>Katherine Hobson</i>	
	People between the ages of fifteen and thirty-nine get cancer, but the medical community has been behind in treating young adults. Now hospitals are beginning to address the problem.	
	3. Recent Advancement in Breast Cancer Research	27
	<i>Reuters Limited</i>	
	The discovery of a common breast cancer susceptibility gene is a promising advancement.	
	4. Gene Therapy May Hold the Key to a Cancer Cure	32
	<i>Ingrid Wickelgren</i>	
	DNA therapy offers new and exciting ways to treat even the deadliest forms of cancer.	

5. A New Drug Attacks Only Cancer Cells 38
Andy Coghlan
Scientists at the University of Alberta report the development of a new drug that will kill cancer cells.
6. Prostate Cancer: The Most Commonly Diagnosed Cancer in Men 42
Tedd Mitchell
Early diagnosis along with new methods of prevention and treatment offer hope for the future.

CHAPTER 2 Controversies in Cancer Treatment

1. Secondhand Smoke Causes Cancer 48
Richard H. Carmona
No safe level for exposure to secondhand smoke exists, and millions of Americans are still exposed to it.
2. Secondhand Smoke May Not Cause Cancer 55
James E. Enstrom and Geoffrey C. Kabat
Controversy remains about the danger of secondhand smoke, which may not be responsible for lung cancer and heart disease.
3. A Vaccine Offers Protection Against Cervical Cancer 64
Barbara A. Bledrzycki
Preteen girls should be required to take a highly effective vaccine against the virus that causes cervical cancer.