

**Table 1.** Selected Physical Late Effects Associated with Childhood Cancer

<b>Cancer</b>	<b>Potential Late Effects</b>	
Leukemias	<ul style="list-style-type: none"> <li>▪ Cognitive effects (e.g., learning disabilities)</li> <li>▪ Abnormal growth and maturation</li> <li>▪ Heart problems</li> <li>▪ Second cancers</li> <li>▪ Hepatitis C (effects of blood transfusion)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Weakness, fatigue</li> <li>▪ Obesity</li> <li>▪ Osteoporosis</li> <li>▪ Avascular necrosis of bone</li> <li>▪ Dental problems</li> </ul>
Brain cancer	<ul style="list-style-type: none"> <li>▪ Neurologic and cognitive effects (e.g., learning disabilities)</li> <li>▪ Abnormal growth and maturation</li> <li>▪ Hearing loss</li> <li>▪ Kidney damage</li> </ul>	<ul style="list-style-type: none"> <li>▪ Hepatitis C</li> <li>▪ Infertility</li> <li>▪ Vision problems</li> <li>▪ Second cancers</li> </ul>
Hodgkin’s disease	<ul style="list-style-type: none"> <li>▪ Adhesions and intestinal obstruction (if spleen removed)</li> <li>▪ Decreased resistance to infection (potential for life-threatening sepsis)</li> <li>▪ Abnormal growth and maturation</li> <li>▪ Hypothyroidism (effect of neck radiation)</li> <li>▪ Salivary gland malfunctioning (effect of jawbone irradiation)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lung damage</li> <li>▪ Heart problems</li> <li>▪ Infertility</li> <li>▪ Hepatitis C</li> <li>▪ Second cancers (e.g., breast cancer in females)</li> </ul>
Non-Hodgkin’s lymphoma	<ul style="list-style-type: none"> <li>▪ Heart problems</li> <li>▪ Hepatitis C</li> <li>▪ Cognitive effects</li> </ul>	<ul style="list-style-type: none"> <li>▪ Infertility</li> <li>▪ Osteopenia/osteoporosis</li> </ul>
Bone tumor	<ul style="list-style-type: none"> <li>▪ Amputation/disfigurement</li> <li>▪ Functional, activity limitations</li> <li>▪ Damage to soft tissues and underlying bones (radiation may cause scarring, swelling, or inhibit growth)</li> <li>▪ Heart problems</li> </ul>	<ul style="list-style-type: none"> <li>▪ Hearing loss</li> <li>▪ Kidney damage</li> <li>▪ Second cancers</li> <li>▪ Hepatitis C</li> <li>▪ Fertility problems</li> </ul>
Wilm’s tumor	<ul style="list-style-type: none"> <li>▪ Heart problems</li> <li>▪ Kidney damage</li> <li>▪ Damage to soft tissues and underlying bones (radiation may cause scarring, swelling, or inhibit growth)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Second cancers</li> <li>▪ Fertility problems</li> <li>▪ Scoliosis</li> </ul>
Neuroblastoma	<ul style="list-style-type: none"> <li>▪ Heart problems</li> <li>▪ Damage to soft tissues and underlying bones (radiation may cause scarring, swelling, or inhibit growth)</li> <li>▪ Neurocognitive effects</li> </ul>	<ul style="list-style-type: none"> <li>▪ Hearing loss</li> <li>▪ Hepatitis C</li> <li>▪ Second cancers</li> <li>▪ Kidney damage</li> </ul>
Soft tissue sarcoma	<ul style="list-style-type: none"> <li>▪ Amputation/disfigurement</li> <li>▪ Functional, activity limitations</li> <li>▪ Heart problems</li> <li>▪ Damage to soft tissues and underlying bones (radiation may cause scarring, swelling, or inhibit growth)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Second cancers</li> <li>▪ Hepatitis C</li> <li>▪ Kidney damage</li> <li>▪ Cataracts</li> <li>▪ Infertility</li> <li>▪ Neurocognitive effects</li> </ul>