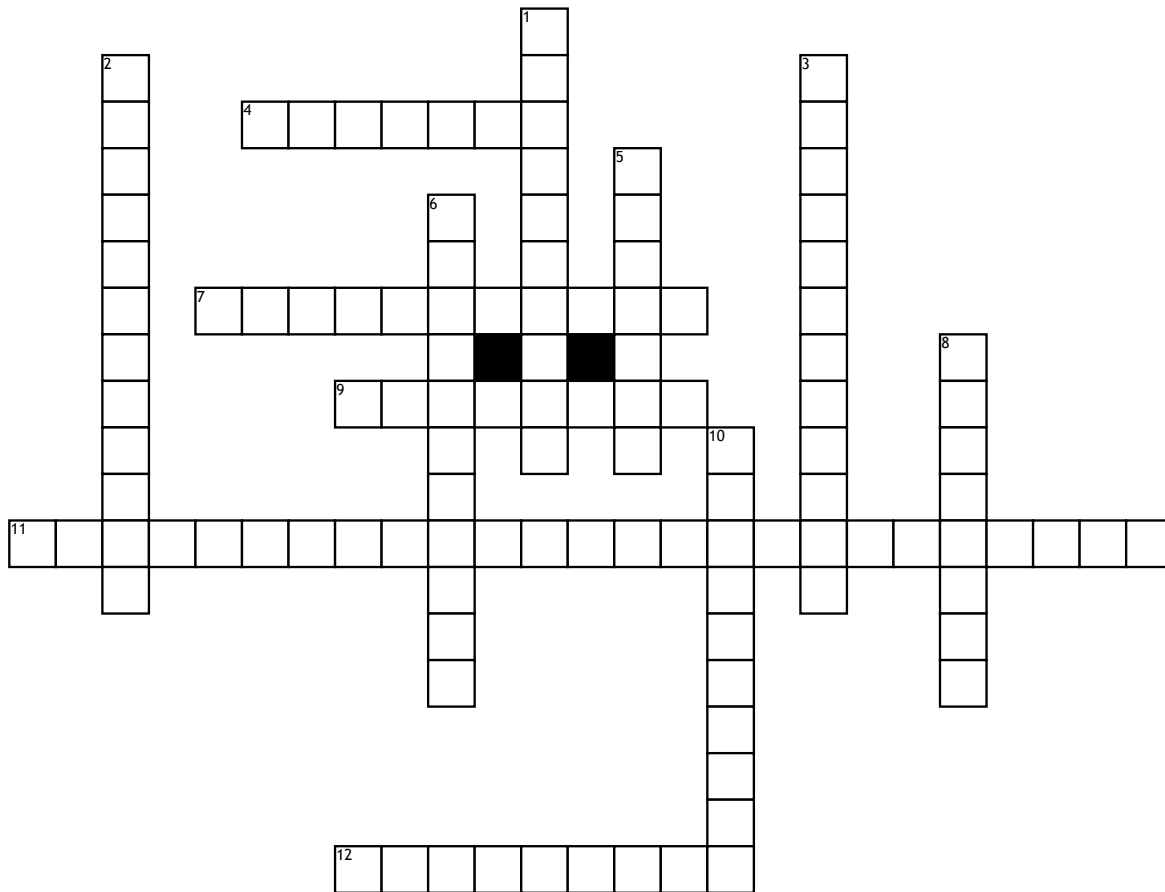


Cold Stress in the Premature Infant



Across

4. can help to decrease body surface area of an infant
 7. heat loss occurs when moisture on the skin surface or respiratory tract mucosa is converted into vapor
 9. Results when brown fat is converted to heat and free fatty acids due to cold stress
 11. Range of environmental temperature at which calorie and oxygen consumption is minimal

12. heat loss that occurs with transfer of heat between solid surfaces not in contact with each other

Down

1. heat loss that involves transfer of heat between two solid objects that are in contact with each other
 2. Triggers the release of norepinephrine as a result of cold stress
 3. results when glycogen stores and blood glucose is used up

5. results from inability to get enough oxygen to maintain brain and body functions
 6. can result from Hyperbilirubinemia
 8. Type of fat stores located around the kidneys, adrenal glands, mediastinum, and nape of neck
 10. heat loss that occurs when body heat is swept away by currents