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The sonographic evaluation of liver transplantation

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A discussion about the role of ultrasound in liver transplantation. The review seeks to present epidemiological findings about the populations in the United States in need of liver transplantation, the process of obtaining a graft, the common types of surgery available, and the postoperative role of ultrasound in liver transplantation. Sonoimages of transplanted liver will be reviewed. Studies will include normal appearance as well as abnormal findings representative of complications patients may suffer. Sonography is a safe and noninvasive modality that can help medical professionals identify problems as early as the day after transplantation, making it a choice method for determining the need for interventions. This is especially important as the viability of liver grafts decrease as time goes on; starting from about 86% the first year after transplantation and falling to about 70% in five years. With the rise of lifestyle-related diseases, the number of people in need of liver transplantation is increasing every year. As a result, it is becoming ever more important to provide early interventions to those that need it. Ultrasound is one very affordable modality that conserves resources and gives very good results in this field

Biography

Miao Chen has completed her Bachelor of Science in Health Nutrition Sciences: Foods and Nutrition Sciences Concentration at the age of 23 from Brooklyn College, City University of New York. She is currently a student at the New York Medical Career Training Center studying to obtain her license in diagnostic medical sonography.

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