



Embolization Techniques: State of the Art and Future Perspectives

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Message from the Guest Editors

Transcatheter embolization is a well-established technique in interventional radiology, less invasive or burdened by morbidity and mortality than surgery. Embolization is routinely used worldwide in emergencies to occlude bleeding vessels or to treat different vascular abnormalities. Vascular abnormalities include many acquired or congenital diseases, in different districts, with various forms of vascular involvement. Different materials, particles or devices are nowadays available as embolic agents. Each embolic agent is characterized by its respective strengths and weaknesses and can be used alone or combined with other occlusive agents to enhance its embolic power. In interventional oncology, embolic agents can be used in association with drugs (chemoembolization) or percutaneous ablations (combined treatments) to enhance the therapeutic efficacy and also in pre-surgical embolization of hypervascular tumors to reduce the bleeding risk. The aim of this Special Issue is to highlight the state of the art of embolization techniques, innovative approaches in terms of new embolic agents or new applications of conventional techniques and the future perspectives in this specific field.





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