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The challenge of treating neurologic complications in the era of immunotherapy**Catherine Maurice**

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We entered in a new era of cancer treatment characterized by the arrival of novel therapies. Immunotherapy has revolutionized the management of various solid tumors and hematological malignancies. On the other hand, the emergence of unpredicted multi-systemic side effects resulting from those agents became challenging for clinicians. Neurological toxicity, while rare, could be life threatening and even lethal. In addition, neurological toxicity is certainly under-diagnosed, considering the paucity of current supporting literature. Novel therapies are linked to unprecedented clinical pictures; physicians need to be vigilant. The next step, establishing a plan in the absence of algorithm, relies on judgment and insight. This presentation aims to raise awareness about the emergence of uncommon neurological events, in the new era of immunotherapy. Short cases scenarios will be presented supported by radiology images and pathology pictures. “Quiz” questions will be prepared to interact with the audience. The goal is to trigger interest about the field of Neuro-Oncology. The presentation will be adapted for guests of every level of training (students, PhD, physicians, specialists).

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