En cas de forte suspicion de récidive, un TEP-FDG peut être proposé en gardant en mémoire que les lésions post-radiques peuvent être hyper-métaboliques.

4 Carcinomes bronchiques de stades IV

La surveillance des patients recevant un traitement systémique a pour objectif d'évaluer la réponse selon les critères RECIST, et de détecter les éventuels effets secondaires pulmonaires dans un objectif de *monitoring* thérapeutique.

Aucune donnée de la littérature ne permet de proposer un rythme de surveillance avec un niveau de preuve suffisant. Le télé-suivi des symptômes est une approche prometteuse et en cours de développement (129).

De manière arbitraire, en se basant sur les pratiques courantes, une réévaluation clinique avant chaque renouvellement de traitement s'impose et une imagerie thoraco-abdominale avec injection (et éventuellement cérébrale), ainsi que de l'ensemble des sites métastatiques initiaux peut être proposée selon un rythme trimestriel. Lorsque le même traitement, en particulier une immunothérapie ou un ITK sont poursuivis au-delà de 2 ans, l'évaluation tumorale peut être élargie à un rythme semestriel.

En cas d'immunothérapie, le 1er bilan doit être réalisé plus précocement (8 ou 9 semaines selon la molécule utilisée).

Dans le cas particulier des patients recevant une thérapie ciblée pour une altération oncogénique ou une immunothérapie prolongée, compte-tenu du risque élevé de progression encéphalique ou leptoméningée, une imagerie encéphalique (IRM cérébrale de préférence) peut être considérée dans le cadre du bilan d'évaluation, même en l'absence d'atteinte cérébro-méningée au bilan initial.

5 Suivi des patients par des outils connectés

Chez les patients éligibles et volontaires, la surveillance des symptômes des patients, par voie éléctronique, à l'aide de dispositif validé peut être utilisée lorsque l'AMM de ces dispositifs les rendra disponibles (129).

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