

Radio-chimiothérapie des cancers bronchiques non à petites cellules de stade III inopérables

Chemoradiotherapy in nonoperable stage III non-small-cell lung cancer

•• T. Bouillet*

Les cancers bronchiques constituent la première cause de décès par cancer tant chez l'homme que chez la femme. Les cancers bronchiques non à petites cellules (CBNPC) représentent 80 % de tous les cancers, et 40 % des CBNPC sont de stade IIIA ou IIIB inopérables.

La radiothérapie seule s'est imposée dans les années 1970 comme supérieure au traitement palliatif dans les cancers bronchiques localement évolués, avec une dose standard de l'ordre de 60 Gy délivrés sur six semaines (1).

Néanmoins, les résultats étaient médiocres avec une médiane de survie à moins de un an et des survies à deux ans de l'ordre de 15 à 20 %, et de moins de 5 % à 5 ans (2).

Face à ces mauvais résultats, la chimiothérapie a été associée à la radiothérapie.

La chimiothérapie peut être réalisée soit de façon séquentielle avec deux modalités chronologiques, en induction avant la radiothérapie, ou en consolidation après la radiothérapie, soit de façon concomitante avec la radiothérapie selon deux modalités de doses, faibles doses régulières hebdomadaires ou plurihébdomadaires à titre de radiosensibilisation, ou à des doses proches des chimiothérapies systémiques toutes les trois semaines.

L'ensemble des essais thérapeutiques, qui servent de base de décision thérapeutique a été réalisé chez des patients en bon état général porteurs de cancers bronchiques IIIA ou IIIB, c'est-à-dire OMS 0 ou 1 ou indice de Karnofsky supérieur à 70 et avec une perte de poids de moins de 5 %. Leur utilisation pour une proposition de soins doit donc tenir compte de ces critères de sélection.

CHIMIOTHÉRAPIE D'INDUCTION

Trois essais ont prouvé la supériorité de la chimiothérapie initiale suivie de radiothérapie, thérapeutique administrée selon un mode séquentiel, sur la radiothérapie seule (3).

Ces trois essais retrouvent une supériorité d'une chimiothérapie d'induction suivie d'une radiothérapie par rapport à une radiothérapie seule, avec une amélioration de la médiane de survie et de la survie à 5 ans. Le principal bénéfice concerne la diminution du risque métastatique dans le bras chimiothérapie d'induction puis dans le bras radiothérapie.

Des méta-analyses publiées dans les années 1995 (4-6) confirment un bénéfice en termes de survie, du traitement séquentiel par rapport à la radiothérapie seule (tableau 1).

Tableau 1. Chimiothérapie d'induction suivie de radiothérapie versus radiothérapie seule.

Étude	Nombre de patients	Traitement	Médiane de survie (mois)	Survie à 5 ans (%)	p
CASB	155	Opplatine/Vb ➔ RTH 60 Gy versus RTH seul	11,7 9,6	17 6	< 0,05
RTOG	458	Opplatine/Vb ➔ RTH 60 Gy Opplatine/Vb ➔ Hb RTH 60 Gy RTH 60 Gy	11,2 12 11,4	8 6 5	0,04
Le Chevalier et al.	353	PVOC ➔ RTH RTH	12 10	12 4	< 0,02

RTH Hb : radiothérapie hyperfractionnée ; RTH : radiothérapie

RADIO-CHIMIOTHÉRAPIE CONCOMITANTE

Plusieurs essais de phase III (3) ont comparé une radiothérapie seule avec une radio-chimiothérapie concomitante, retrouvant une amélioration de la survie, avec un meilleur contrôle local, mais sans bénéfice en termes de contrôle métastatique. La chimiothérapie, à base de sels de platine, utilisait des doses inférieures à celles administrées en induction (tableau 2).

Tableau 2. Chimio-radiothérapie concomitante versus radiothérapie seule.

Étude	Nombre de patients	Traitement	Survie à 5 ans (%)	p
EORTC	331	Opplatine quotidien Opplatine hebdomadaire RTH	16 13 2	0,009
Jeremic et al.	169	RTH Hb RTH et CB/vitoposide Hb RTH et CB/vitoposide	6,6 23 16	0,0024
Jeremic et al.	151	Hb RTH Hb RTH et CB/vitoposide	9 23	0,021

CB : carboplatine ; RTH Hb : radiothérapie hyperfractionnée ; RTH : radiothérapie

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