

Corrigenda to the IARC Monographs – Volume 120

Monograph	Section	Table/Figure	Page	Details of Corrigendum	Monograph first posted online	Correction made to online version?	Correction made in printed version?
Benzene	5	Text		<p>The following text was added to the end of Section 5.2.3:</p> <p>“Overall, the Working Group concluded that the evidence of carcinogenicity for NHL is <i>limited</i>; however, a small minority of the Working Group concluded that the evidence of carcinogenicity is <i>sufficient</i> for NHL.¹</p> <p>¹ The meta-analysis of five incidence studies revealed a statistically significant association between benzene exposure and CLL (pooled relative risk estimate, 1.53; 95% CI, 1.04–2.25). The relative risk estimates of four of these five studies were above 1.6; only one study found a slightly lower risk estimate of 1.40 (95% CI, 0.90–2.19). Therefore, the CLL risk is comparable to the AML risk (pooled risk estimate, 1.45; 95% CI, 0.96–2.17 when combining the six incidence studies). Chance and confounding can be ruled out with reasonable confidence.</p> <p>Most studies show a positive association between benzene exposure and NHL incidence. Among the incidence studies, there are three high-quality cohort studies, which reveal clearly increased NHL risks: one found a relative risk of 3.90 (95% CI, 1.31–11.57) for ever versus never exposure to benzene (not including CLL and MM), another reported a</p>	20 December 2018	Yes	Yes

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				<p>hazard ratio of 1.86 (95% CI, 1.17–2.96) including MM but not CLL, and a third reported a hazard ratio of 1.49 (95% CI, 0.90–2.47) for the whole NHL group (including MM and CLL).</p> <p>Most older studies, as well as some newer studies, did not include MM and CLL in the NHL group. However, the inclusion of CLL and MM in the NHL entity in these studies should not have changed the finding of a clear association between benzene and NHL, for the following two reasons. First, studies allowing for a direct comparison between MM and the (remaining or total) NHL group give no overall indication for lower MM risks compared with NHL risks as a whole. Second, as noted above, CLL risks are also clearly elevated.”</p>			
Benzene	5	Text		<p>The following text was added to the end of Section 5.2.5:</p> <p>“Overall, the Working Group concluded that the evidence of carcinogenicity for the lung is <i>limited</i>; however, a small minority of the Working Group concluded that the evidence of carcinogenicity is <i>inadequate</i> for the lung.”</p>	20 December 2018	Yes	Yes
Benzene	6	Text	297	<p>The following text was added to the end of Section 6.1:</p>	20 December	Yes	Yes

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				“A small minority of the Working Group considered that benzene also causes non-Hodgkin lymphoma. A separate small minority considered that a positive association was not observed for cancer of the lung.”	2018			
Annex	–	Page/text	301	An Annex was added to the book to describe the supplemental material pertaining to the Volume.	20 December 2018	Yes	Yes	