

Accepted Manuscript

Title: ^{210}Po poisoning as possible cause of death: forensic investigations and toxicological analysis of the remains of Yasser Arafat

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PII: S0379-0738(15)00411-9
DOI: <http://dx.doi.org/doi:10.1016/j.forsciint.2015.09.019>
Reference: FSI 8162

To appear in: *FSI*

Received date: 28-5-2015
Revised date: 25-9-2015
Accepted date: 30-9-2015

Please cite this article as: P. Froidevaux, F. Bochud, S. Baechler, V. Castella, M. Augsburger, C. Bailat, K. Michaud, M. Straub, M. Pecchia, T.M. Jenk, T. Uldin, P. Mangin, ^{210}Po poisoning as possible cause of death: forensic investigations and toxicological analysis of the remains of Yasser Arafat, *Forensic Science International* (2015), <http://dx.doi.org/10.1016/j.forsciint.2015.09.019>

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Highlights

Yasser Arafat died of an unknown illness

We found unexpected high levels of ^{210}Po in some of Yasser Arafat belongings

We found higher than expected level of ^{210}Pb and ^{210}Po in Yasser Arafat bone remains

Bayesian analysis moderately supports the proposition that Mr. Arafat has been poisoned by ^{210}Po

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