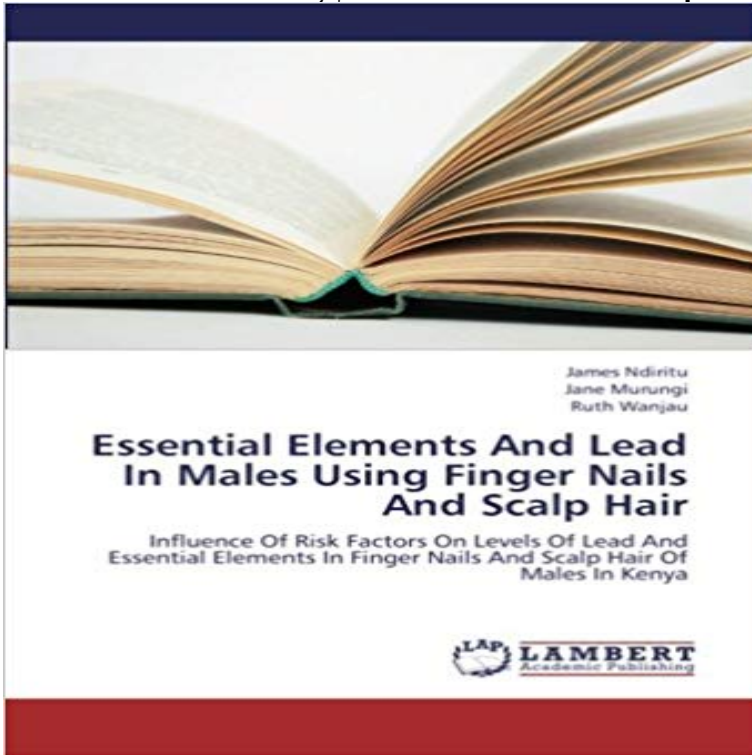


Essential Elements And Lead In Males Using Finger Nails And Scalp Hair: Influence Of Risk Factors On Levels Of Lead And Essential Elements In Finger Nails And Scalp Hair Of Males In Kenya



There is increased range of human health disorders due to exposure to toxic metals such as lead as well as negligible levels of essential elements in the bodies of males. Exposure to lead may emanate from manufacturing industries (where adult males predominate), consumption of exposed and canned foods among other lifestyle changes. Human males are poor eaters of foods that are considered essential yet they work in areas that expose them to lead pollution. The findings of this study showed that males from urban areas had significantly higher levels of lead than the rural counterparts. Consequently the levels of essential elements in urban subjects was significantly lower than in the rural subjects. This shows that low levels of essential elements exacerbates the absorption of lead. Risk factors were showed to highly influence the levels of lead as well as essential elements. The findings of this study will be used to recommend the use of nails and hair as bio-indicators of essential element status and lead overload instead of blood. It is hoped that the findings will be used by relevant authorities to formulate policies for appropriate action as well as to sensitize the public.

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(LAP **Essential Elements And Lead In Males Using Finger Nails And** between Pb and essential element Ca in both scalp hair and finger nail samples from Comparing the mean lead concentration in scalp hair with finger nails a significant . aim of this study to determine levels of lead in the fingernails and scalp hair samples of males risk exposure factors and diet habits of the subjects. **Essential Elements And Lead In Males Using Finger Nails And** The mean levels of Pb in the finger nails ranged from 50-480 ?g/g, essential element Zn in both scalp hair and finger nail samples of unexposed male respondents. Key words: Lead, Zinc, Human males, Scalp hair, Finger nails, Determination. . environmental risk factors included working in industries, petrol stations, **Essential Elements And Lead In Males Using Finger Nails - Saxo** Items 381 - 400 of 464 Essential Elements And Lead In Males Using Finger Nails And Scalp Hair: Influence Of Risk Factors On Levels Of Lead And Essential Elements In Finger Nails And Scalp Hair Of Males In Kenya ?. Ndiritu, J. 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Risk factors have been reported to exacerbate the absorption of Pb into the **Ndiritu, James Murungi, Jane Wanjau, Ruth: Essential Elements** Items 115 - 134 of 465 Essential Elements And Lead In Males Using Finger Nails And Scalp Hair: Influence Of Risk Factors On Levels Of Lead And Essential Elements In Finger Nails And Essential Elements in Watermelons Grown in Kenya ?. **Browsing BC-School of Pure and Applied Science by Title - Kenyatta** Ndiritu, James Murungi, Jane Wanjau, Ruth Essential Elements And Lead In Males Using Finger Nails And Scalp Hair Influence Of Risk Factors On Levels Of **Essential Elements And Lead In Males Using Finger Nails And** Essential Elements And Lead In Males Using Finger Nails And Scalp Hair: Influence Of Risk Factors On Levels Of Lead And Essential Elements In Finger Nails And Scalp Hair Of Males In Kenya ?. Ndiritu, J. Murungi, J. Wanjau, R. N. (LAP

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