

عنوان مقاله:

(Palaeodietary Study of Iron Age Population from Gohar Tepe (Iran

محل انتشار:

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خلاصه مقاله:

Human and animal skeletal remains can provide information about the food chain of inhabitant's nutrition of archaeological sites. The food chain which at it minerals and organic materials transferred from soil to the plants, from plants to the animals, and from herbivores animals to the carnivores, is the benchmark system in ancient diet. Although Chemical interactions between soils, animal and human remains should not be disregarded, chemical data can provide useful information about the paleodiet. In present paper, the concentration of Chemical elements was analyzed in eight premolar teeth of mature individuals as well as a teenager without discrimination of their sex, from discovered graves of Iron Age of Gohar Tepe. The site had been populated until the Iron Age. In addition, we have investigated the ratios of Sr, Ba, Ca, P, with the purpose of studying the food chain from animal to human by analyzing discovered animal teeth in the site. To control diagenetic processes, the calcium/phosphorus (Ca/P) index was used. Furthermore the amount of chemical element in teeth and peripheral soil was compared. Concentration level of Chemical elements was measured by atomic absorption spectroscopy (AAS). The Strontium content and the Ba/Sr ratios show that the human population in Gohar Tepe used products of animal origin somewhat more than plants and .terrestrial food more than seafood in their diet

کلمات کلیدی:

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