



Research Details :

Research Title	: <u><i>Elemental Analysis as a Strong Tool for the Determination of Gallstones Composition</i></u> <u><i>Elemental Analysis as a Strong Tool for the Determination of Gallstones Composition</i></u>
Descriptipn	: Abstract. Elemental analysis of C, H, N, S and Ca was used for the classification of gallstones from 94 patients from the Western Region of Saudi Arabia. Fourier transform infrared spectroscopy (FT-IR) was used to provide rapid qualitative information about the gallstones composition. The density, color and surface of the stones were found to give a good indication of stones composition. From the studies made, it was found that 64.9% of the stones analyzed were cholesterol stones, 25.5% were mixed stones, which contain cholesterol and some calcium salt. The rest of the stones were rare stones which contain either calcium carbonate or mixture of calcium carbonate and ammonium and magnesium salt
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Attatchments :

File Name	Type	Description
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