

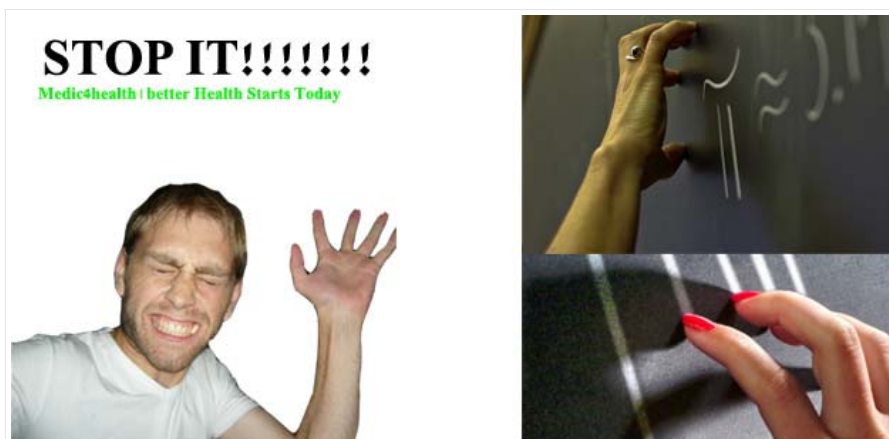
Why Fingernails on Chalkboard is so Irritating

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By Medic4health, November 6, 2011, In Latest News

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The most awful [sound is](#) when a person scraping a chalkboard with fingernails. That's really tortuous for us. In a seconds we finally to say, "STOP IT". Do you know why we feel awful and tortuous by this high pitch sound especially! Now, researchers have the answer and they found why the noise is such a special kind of irritating.

This sound is irritating because the frequency of **scratchy sound by nails** on chalkboard have ranges between **2000 Hz and 4000**, but our ear this pitch frequency sound is the sign of terror or something very irritating because human ear is most sensitive. Although some frequencies of sounds are amplified in our ear due to anatomy of Canal.

Reuter's and Oehler's conducted the study, they have found these sound induced a galvanic skin response which is a change in the skin's electrical activity. This activity is also triggered by fright and can be measured, like a [polygraph test](#).

Feeling irritation and awful after hearing that sound is because it **evokes some psychological reactions** that usually happen in something terrible or horror situation.

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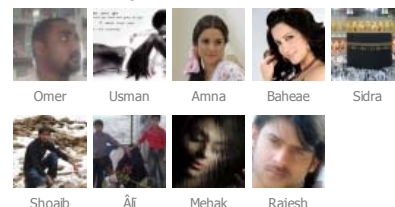


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