Stroke Related Death (n=92627) in Changing Montly Cosmophysical Activity. 216 Months Comparison. Lithuania, 1990-2007.

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Background: Environment physical activity is affecting human homeostasis. The **aim** of this study was to explore the cosmophysical (Solar (SA), Geomagnetic (GMA) and Cosmic Ray (CRA) activity links with concomitant monthly stroke related death distribution.
Methods: 7644441 deaths in the Republic of Lithuania were compared with the mentioned physical factors monthly (n-216, 1990-2006); 92627 stroke related deaths (12.1% of total), (34920 men, 57707 woman).
 The Space Whether data came from space science centers in the USA, Russia, Finland.
Results: Monthly Stroke related death number was significantly correlated with Year, month of the Year (acrophase second week of February), CRA;
inverse links with SA and absence of significant correlation with monthly level of GMA.
The yearly ratio of deaths from Ishemic Heart Disease (IHD) / Stroke show a   significantly negative correlation (r=-0.74, p<00001), indicating the growing role of the latter in cardiovascular mortality. in both gender..
Conclusion:
1. Monthly stroke related deaths number is growing yearly in comparison to IHD
 2 Monthly Stroke death number .correlate with cosmophysical activity levels
3. Stroke mortality is annually rhythmic, with February acrophase in this part of the Globe of the Northern Hemisphere..