

Survey of viral diseases of Ajmer with special reference to dengue

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Abstract:

Ajmer is located in the center of Rajasthan (INDIA) between $25^{\circ} 38''$ and $26^{\circ} 58''$ north Latitude and $73^{\circ} 54''$ and $75^{\circ} 22''$ east longitude covering a geographical area of about 8481sq km hemmed in all sides by Aravalli hills . About 7 miles from the city is Pushkar lake created by the touch of lord Brahma. The Dargah of khawaja Moinuddin chisti is holiest shrine next to Mecca in the world. Ajmer has hot dry summer and cold bracing winter. The winter extends from November to February and summer extends from March to June followed by rainy season till mid-September. The temperature varies from 2°C in winter and 49°C in summer. The normal annual rainfall is 527.3mm. The seasons of viral diseases are March and September . In year 2015 more than 200 cases of Dengue (breakbone fever) were registered. Dengue is mosquito born tropical disease. Virus is +ssRNA enveloped. Symptoms include fever, headache, muscle pain, skin rash. It can be life threatening dengue hemorrhagic fever resulting in bleeding, low level blood platelets and plasma leakage. In dengue shock syndrome dangerously low B.P. occurs. In the present study cases of dengue were studied in Ajmer with reference to different age groups.

Biography

Dr Rashmi Sharma has completed her PhD in 2001 on the topic "Studies on certain Substances Antagonizing the action of Vitamin A during regeneration in anuran amphibians." She has more than 17 years of teaching and research experience. She has published many papers in reputed journals. She has attended more than 70 conferences both national and International. She is also doing post doctorate.

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