

**Table 1:** The studies which connect the influence of climatic factors and pathogenesis of DVT.

Study	Climatic factors	Geographics areas	Years of study	Number of patients	Conclusions
Bounameaux et al. <sup>1</sup>	Seasons	Geneva	1989- 1994	7303	No seasonal or monthly pattern of DVT
Galle et al. <sup>2</sup>	Seasons	Belgium	1982- 1995	512	No seasonal pattern of DVT
Stein et al. <sup>3</sup>	Seasons	USA	1979- 1999	-	No seasonal pattern of DVT
Lee et al. <sup>4</sup>	Seasons	Taiwan	2002	2774	No seasonal pattern of DVT
Boulay et al. <sup>5</sup>	Seasons	France	1995- 1998	65081	Winter pattern of DVT
Fink et al. <sup>7</sup>	Seasons	Austria	1996- 2000	905	Seasonal pattern of DVT related to location of thrombus
Manfredini et al. <sup>8</sup>	Seasons	Italy	2002- 2004	2119	Seasonal pattern of DVT with the peak in September and October
Brown et al. <sup>9</sup>	Seasons	Scotland	1981- 2001	37336	Winter pattern of DVT
Dentali et al. <sup>11</sup>	Seasons	Meta-analysis	-	35000	Winter pattern of DVT
Jang et al. <sup>12</sup>	Seasons	Korea	2001- 2010	1495	Winter pattern of DVT
Damnjanovic et al. <sup>13</sup>	Seasons	South Serbia	2009- 2011	170	Seasonal pattern of DVT related to location of thrombus
Chung et al. <sup>23</sup>	Atmospheric temperature	17 countries	1989- 1995	1146	Change of temperature of 5° C was not related to DVT incidence
Brown et al. <sup>9</sup>	Atmospheric temperature	Scotland	1981- 2001	37336	Incidence of DVT was related to the minimum and maximum temperature
Esquenet et al. <sup>27</sup>	Atmospheric pressure	Italy	1995	345	Correlation between atmospheric pressure and DVT
Brown et al. <sup>9</sup>	Atmospheric pressure	Scotland	1981- 2001	37336	Decrease of atmospheric pressure of 10 millibars related to the increase of DVT incidence
Damnjanovic et al. <sup>28</sup>	Atmospheric pressure	South Serbia	2009- 2011	124	Change of atmospheric pressure of 1 millibar was related to the increase of the incidence of lower limb DVT
Baccarelli et al. <sup>29</sup>	Air pollution	Italy	1995- 2005	870	Relation between DVT and air pollution
Baccarelli et al. <sup>30</sup>	Air pollution	Italy	1995- 2005	663	Relation between DVT and air pollution
Dales et al. <sup>31</sup>	Air pollution	Santiago	2001- 2005	3358	The increased concentrations of ozone, sulphordioxide, nitrodioxide were related to the increased incidence of DVT
Brown et al. <sup>9</sup>	Rain falls	Scotland	1981- 2001	37336	Increased rain fall caused an increase of DVT
Brown et al. <sup>9</sup>	Wind speed	Scotland	1981- 2001	37336	Increased wind speed caused an increase of DVT

DVT: deep vein thrombosis.