

## General Population's Awareness of PE and DVT and its Risk Factor in Asir region, Saudi Arabia

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### ABSTRACT

**Study Design:** Cross-Sectional study

**Background:** Pulmonary embolism (PE) and deep vein thrombosis (DVT), often referred to as a single condition named venous thromboembolism (VTE), is a major reason for illness, disability, and sometimes even death. DVT is a medical condition characterized by formation of blood clots (thrombus) in deep veins, especially in the legs, e.g., in calf veins, femoral vein, or popliteal vein

**Results:** Total 801 respondents, respond the questionnaire, of which 81.8% belong to Aseer region, while 18.2% belongs to other regions. 64.8% belong to the 30-60 years age group, 31.3% were belongs to the age group of 18-30 years while under 18 were 2.4% and 1.5% were above 60. Only 11.5% have health carrier, 48.4% were employed, 20.8% were students, 21.7% were unemployed, while 9% were retired. 97.% have high-school level of education, 2.9% less than that, while 0.1 % have higher education

**Conclusion:** To conclude, the study demonstrates a mixed awareness among residents of Aseer region about of PE and DVT as well as its risk factors, symptoms and preventive measures. Although most respondents have basic knowledge about the disease, there is alarming level of misconceptions and ignorance among a significant chunk of the population.

**Keywords:** Pulmonary Embolism (PE) , Deep Vein Thrombosis, Awareness, Preventive

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