

## Pictorial Quiz

Bushra Zafar Sayeed<sup>1</sup>, Qazi Muhammad Akhtar Sayeed<sup>2</sup>

A 54-year-old woman, hypertensive, comes with the following skin changes. She was recently diagnosed with atrial fibrillation and was started on warfarin therapy. Other medications taken by the patient are metoprolol and hydrochlorothiazide. On physical examination, the patient's temperature is 98°F, blood pressure is 130/80, the pulse is 80/min and irregular, respirations are 16/min.



**Answer on Page 59**

**Which of the following is the primary cause of this leg discoloration?**

- a. Anti-platelet factor 4 antibodies
- b. Factor VII deficiency
- c. Protein C deficiency
- d. Antithrombin III deficiency

---

<sup>1</sup>Department of Cardiology, Civil Hospital Karachi.

<sup>2</sup>First Year, MBBS, Dow International Medical College

**Correspondence:**

**Dr. Bushra Zafar Sayeed,**  
Department of Cardiology, Civil Hospital Karachi.  
Email: [b.zafarsayeed@gmail.com](mailto:b.zafarsayeed@gmail.com)  
Date of Submission: 3rd February 2022  
Date of Acceptance: 26th February 2022

**Answer:** C

**Explanation:** This is warfarin-induced skin necrosis, which develops within a few days of starting warfarin therapy in patients with underlying protein C deficiency.