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*Can you find seven mistakes in the following abstract?*

Submission ID number

Duplex Ultrasound Imaging of the Iliac Venous Stents

Submission Type: Poster Case Study

### **Abstract**

Postthrombotic syndrome (PTS) is characterized by persistent leg edema, discoloration, pain and ulceration in patients with a history of a DVT.

### **Patient Description**

We describe a 60-year-old man who had unilateral PTS develop from an iliofemoral DVT. The patient was treated with thrombolytic therapy followed by mechanical thrombectomy. Percutaneous transluminal angioplasty of the common and external iliac veins was subsequently performed. 6 self-expanding stents were deployed.

### **Results**

Stent patency was assessed using an IU 22 (Philips Ultrasound, Bothell, WA) ultrasound machine with a curved 5-1 MHz transducer. Gray scale images and color duplex ultrasonography with doppler signals were recorded. Intraluminal echoes and lack of vein compressibility confirmed the presence of chronic thrombus more distally. However, widely patent stents with spontaneous, resprophasic blood flow were demonstrated in the common and external iliac veins. The patient's edema significantly improved.

### **Discussion**

Deployments of the stents to maintain vessel patency of diseased iliac veins is being performed with increasing frequency. There have been few reports of iliac vein stenting and endovenectomy, with success rates of up to 77% primary patency and 93% secondary patency at median follow-up of 8 months.

### **Conclusion**

Duplex ultrasonography is an inexpensive, noninvasive modality that can be used to follow patients *that* had an endovascular venous intervention.

## *Corrected Example with Explanations*

### **Abstract**

Postthrombotic syndrome (PTS) is characterized by persistent leg edema, discoloration, pain and ulceration in patients with a history of a DVT.

Spell out deep vein thrombosis and add DVT in parentheses after thrombosis since DVT is used again in the abstract.

Reference a series of words comma and (, and). In a series of three or more words, use a comma before the words *and* and *or* (Raimes, 2006, p. 440).

### **Patient Description**

We describe a 60-year-old man who had unilateral PTS develop from an iliofemoral DVT. The patient was treated with thrombolytic therapy followed by mechanical thrombectomy. Percutaneous transluminal angioplasty of the common and external iliac veins was subsequently performed. 6 self-expanding stents were deployed.

Spell out the number six. Do not begin a sentence with a number. The rule is to use *words* to express numbers that are below 10 and use *numerals* to express numbers 10 above (Raimes, 2006, p. 477). Try to avoid using a number at the beginning of a sentence, title, or text heading (Raimes, 2006, p. 477).

### **Results**

Stent patency was assessed using an IU 22 (Philips Ultrasound, Bothell, WA) ultrasound machine with a curved 5-1 MHz transducer. Gray scale images and color duplex ultrasonography with doppler signals were recorded. Intraluminal echoes and lack of vein compressibility confirmed the presence of chronic thrombus more distally. However, widely patent stents with spontaneous, resprophasic blood flow were demonstrated in the common and external iliac veins. The patient's edema significantly improved.

Doppler is a name (Christian Doppler) and should be capitalized.

### **Discussion**

Deployments of the stents to maintain vessel patency of diseased iliac veins is being performed with increasing frequency. There have been few reports of iliac vein stenting and endovenectomy, with success rates of up to 77% primary patency and 93% secondary patency at median follow-up of 8 months.

The sentence "There have been few reports of iliac vein stenting and endovenectomy, with success rates of up to 77% primary patency and 93% secondary patency at median follow-up of 8 months" was taken word for word from an article which is plagiarism (Verma & Tripathi, 2017). Rewrite the sentence in your our words in the abstract, and in the body of the manuscript, cite this sentence. The author needs to be given credit for their work. Credible and valid references are essential in medical writing.

## **Conclusion**

Duplex ultrasonography is an inexpensive, noninvasive modality that can be used to follow patients *that* (use *who* for persons) had an endovascular venous intervention.

The rule is to use the word *who* for human beings and use the words *that* or *which* for non-humans and things (Raimes, 2006, p. 409).

*Note: a reference list is not part of the abstract. The references listed below were created to cite the grammar and spelling rules and plagiarism example.*

## **References**

Raimes A. *Keys for Writers*. 5 th ed. Boston, MA: Cengage Learning; 2006.

Verma H, Tripathi RK. Common femoral endovenectomy in conjunction with iliac vein stenting to improve venous in flow in severe post-thrombotic obstruction. *J Vasc Surg Venous Lymphat Disord* 2017;5:138- 142.