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(54) **METHOD AND APPARATUS FOR PERFORMING INTRA-OPERATIVE ANGIOGRAPHY**

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(58) **Field of Classification Search**

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See application file for complete search history.

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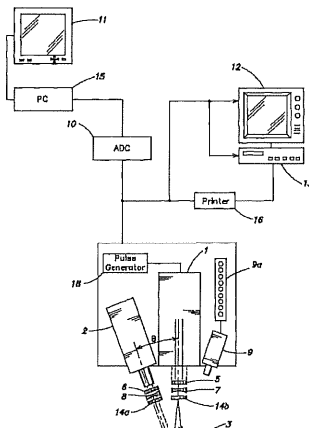
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**ABSTRACT**

Method for assessing the patency of a patient's blood vessel, advantageously during or after treatment of that vessel by an invasive procedure, comprising administering a fluorescent dye to the patient; obtaining at least one angiographic image of the vessel portion; and evaluating the at least one angiographic image to assess the patency of the vessel portion. Other related methods are contemplated, including methods for assessing perfusion in selected body tissue, methods for evaluating the potential of vessels for use in creation of AV fistulas, methods for determining the diameter of a vessel, and methods for locating a vessel located below the surface of a tissue.

**3 Claims, 1 Drawing Sheet**



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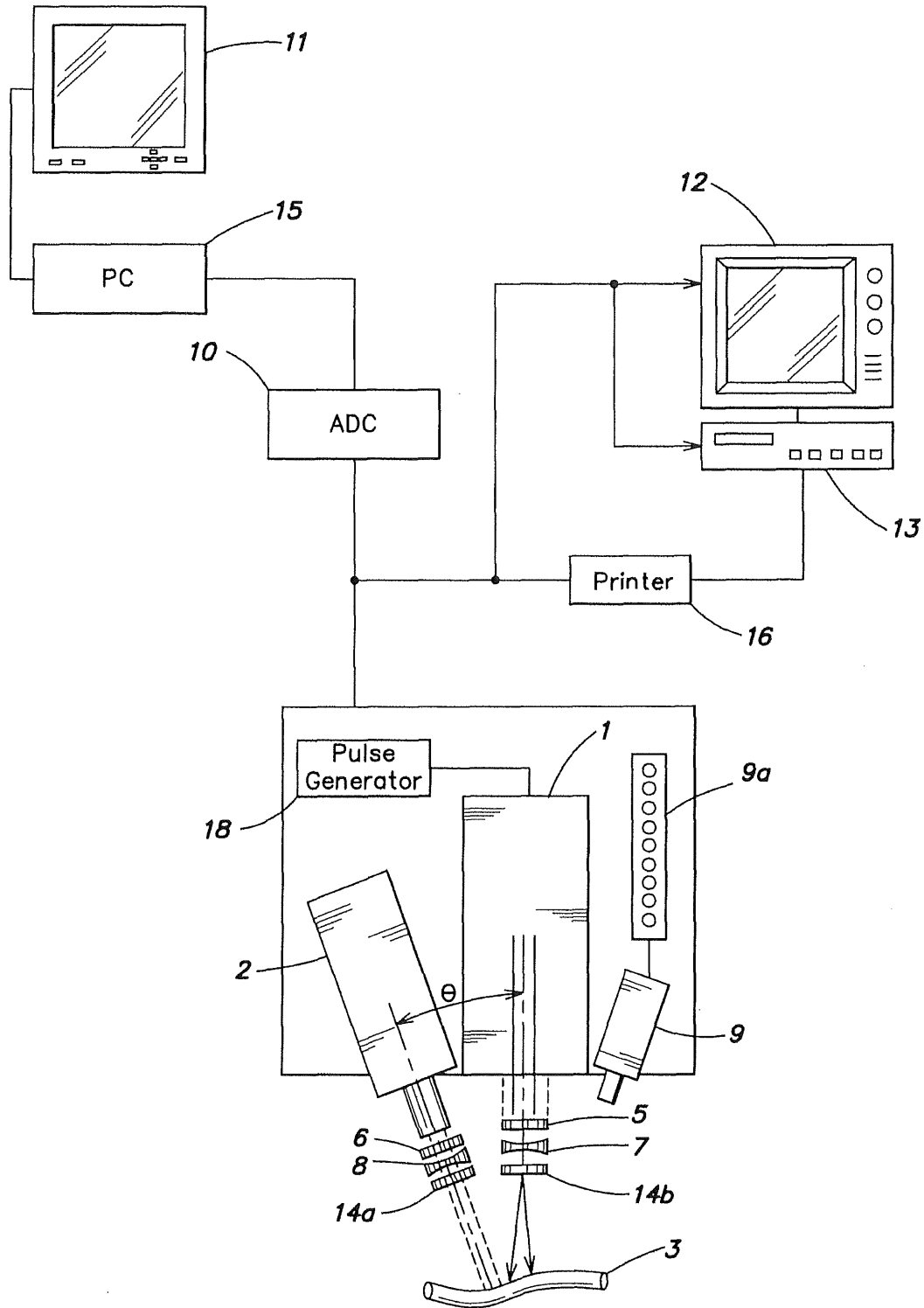
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