

Venous Thrombosis Associated with Peripherally Inserted Central Catheters in Oncology Patients: A Single Institutional Experience

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Abstract

Purpose: The use of peripherally inserted central catheters (PICCs) had gradually increased in recent years, especially in cancer patients, as it facilitates blood sampling and treatment administration. Unfortunately, they were associated with a high incidence of complications that limited their widespread use. The purpose of this study is to evaluate the characteristics of oncology patients presenting for complications of their PICC lines and to establish possible associated factors such as age, sex, type of cancer, site of insertion of PICC in our institution.

Materials and methods: This retrospective study includes all cancer patients who underwent placement of PICC, from January 2012 till December 2013, under radiology guidance at Hotel-Dieu de France universMu FguncmSÁMSÁPICC type ne ìwídw

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]bgf]hcb cZ hYD=77 UbXhYcWwffYbWcZh fca Vcgk UgYj Ui UHX'
 HNY X]U bcg cZXYd j Ybc g h fca Vcgk Ug YgU]g' YX VmW'cf
 Scdd'Yf i 'fUgbc]fUd\mWbXi VHXVrk c]bX]dYbX]bhfU]c'c]g'

Results

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 dU]WU]W'cj Uf]U]z c]h c]fW'a U` \YU UbX bYWz h]g]W'Ufz h nfc]X
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Cj YU'z') dUjYblg \UXcbYD=77z, dUjYblg \UXk c D=77g UbX %
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	Number of patients	%	Number of patients	%	p value
Sex					0.81

Conclusion

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dfcg]YW]j YUbX`Uf] Yg]i X]YgUfYbYXXh`c Yg]U]g` a Ucf f]lg Z]M]c]fg
Zcf D=77 fYU]X h]fca Vcg]g` Yi V]X]U]Y hY fc`Y cZ dfcd`m]U]W]W
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References

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f]SS L D]f]d]Y U`m]bg]f]h X W]b]fU W]h Y]h]f g fD=77L U dfca]g]b[
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d]f]d]Y U`m]bg]f]h X W]b]fU W]h Y]h]f g fD=77E 6f >F]U]c` + , .) - *! *SS"
-) " 5V]X] Y] 5z 6Y]b Fca X`U]b]Y]B]z? f]U] 5z 7`Y]` A z H]c]f`a U]b @ Y]h U"
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j Y]b]c]i g W]h Y]h]f]f]Y]U]X h]fca Vcg]g]b `U]a U]c]d]c]Y]f]W g]h]a W`
h]U]b]g]U]b]g]f]Y]M]d]Y]b]g` 6cb]Y]A U]f]c]k H]U]b]g]U]b]h` * , ,) ! , , - "
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- + " E]i]b]h]j U`U]F]z]c]f]b] D]z]A]g]Y`] 5z A U]b]X]c]] F]z]I [c`c]h] I z Y]h U" f]%, -&L
8i d]Y i]h]U]g]i b]X X]U]b]c]g]g cZ g]a d]fca U]h]W]d]c]l]a U X]Y]d j]Y]b
h]fca Vcg]g cZ c]k]Yf `]a V]g` 9i f >F]U]c` %& . ' &' *"
- , " J Y]f]g: A z 5[b]Y] ; f]SS L J Y]b]c]i g h]fca V]c]Y]a V]c`]g]a U]g]g]W]h]X k]h
`c]b[]h]f]a i g]Y]c]Z]W]b]fU j Y]b]c]i g W]h Y]h]f g]b W]b]W]f d]U]Y]b]g` >7`]b C]b]W`
&%' **)! *+) "
- " 7`Y]a U]m