

**K930197 KWIK BOARD**Apr 20, 1993  
96 days to decisionK930197 · Product code: **KMK** · General Hospital  
Source: <https://www.510kdatabase.net/k930197/>**SUBMISSION DETAILS**

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Decision	Substantially Equivalent (Cleared)
Submission type	Traditional
Device classification	Device, Intravascular Catheter Securement (KMK)
Date received	Jan 14, 1993
Decision date	Apr 20, 1993
Days to decision	96 days
Third-party review	No
Summary / Statement	Statement

**APPLICANT**

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Company	<b>Astral, Ltd.</b>
Location	San Rafael, CA, US
Website	<a href="http://astralpipes.com/">http://astralpipes.com/</a>
510(k) history	3 submissions · 3 cleared · 1993-1995

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510k Database - [www.510kdatabase.net](http://www.510kdatabase.net)Device record: <https://www.510kdatabase.net/k930197/> Data sourced from FDA 510(k) public records ([accessdata.fda.gov](http://accessdata.fda.gov)).510k Database is an independent platform not affiliated with the U.S. Food and Drug Administration. Always verify at [accessdata.fda.gov](http://accessdata.fda.gov). - Generated July 6, 2026