



**Molecular Biotechnology Programme**  
**Uppsala University School of Engineering**

<b>UPTEC X 01 019</b>	<b>Date of issue 2001-04-07</b>	
Author	<b>Martin Millbourn</b>	
Title (English)	<b>E-business in the pharmaceutical industry</b> <b>Presentation of a solution, based on mobile Internet, for electronic data capture in clinical trials</b>	
Title (Swedish)		
Abstract	<p>Solutions for electronic data capture during the clinical trial conduct in the pharmaceutical industry have been investigated. A mobile system where patients and investigators are using connected, pen-based handheld computers with back-lit display in color is presented. The solution consists of handheld computers, a polling server and a webpage where monitors and investigators can reach the on-line registered data that presents information about the trial conduct. The system is able to streamline the whole process by eliminating problems coming from missing entries, poor handwriting, query processing, time consuming monitor travelling and document transportation. Additionally, a range of side-products such as recruitment systems and knowledge management systems will come from having all data collected and stored electronically in a central database.</p>	
Keywords	Clinical trials, e-business, handheld computers, mobile Internet, business strategies	
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Project name	Sponsors	
Language	Security	
<b>ISSN 1401-2138</b>	Classification	
Supplementary bibliographical information	Pages <b>61</b>	
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