方略知识管理系统

学科导航4.0暨统一检索解决方案研讨会

# Cricket bowling feet kept comfy through science

http://www.fmdigfm.cn 2007-04-27

[ 作者 ] University of Auckland
[ 单位 ] University of Auckland

[ 摘要 ] 26 April 2007, New Zealand cricket players may be being helped in the World Cup by an unlikely source - scientists. The Department of Sports and Exercise Science at The University of Auckland have been working with sportswear company Nike to develop the ultimate shoe for cricket bowlers. Over fifteen New Zealand cricketers are currently wearing the new shoe, including four playing in the World Cup.

[ 关键词 ] Cricket bowling

26 April 2007, New Zealand cricket players may be being helped in the World Cup by an unlikely source - scientists.

The Department of Sports and Exercise Science at The University of Auckland have been working with sportswear company Nike to develop the ultimate shoe for cricket bowlers. Over fifteen New Zealand cricketers are currently wearing the new shoe, including four playing in the World Cup.

The new shoe, Nike Air Zoom Yorker, has been developed using the University's expertise in biomechanics, the movement of the body, particularly in bowlers. It is currently available commercially in India.

"One of the main issues affecting cricket bowlers are injuries in the back, from excessive bending and rotation while experiencing high forces says Dr Uwe Kenning, the lead investigator of the project. "By using video capture techniques similar to those used for animated movies, we can see how the body moves when a player bowls and the unusual movements and pressures this applies to the muscles. Through a partnership with Nike, we have provided the science expertise needed to develop a

我要入编 | 本站介绍 | 网站地图 | 汉文学习网 | 公司介绍 | 联系方式 | 我要投稿

北京联通科技有限公司 Copyright © 2003-2008 Email: kenning@fmdigfm.cn