

## ***Empowering UK Sport with Leading-Edge Health Analysis Tools and Web-Based Access to Athlete Health and Fitness Data***

### **The Customer**

Established by Royal Charter in 1996, UK Sport works in partnership with the Home County Sports Councils and Institutes (English, Scottish, Welsh and Northern Irish), the British Olympic and Paralympics Associations, and the priority UK Governing Bodies of Sport. In this capacity they have spearheaded the initiative for the creation of high-performance systems to maximize the development of world-class UK athletes, and promote ethically fair and drug-free sport.

Located in London, England, UK Sport provides elite athletes with the facilities and support services needed to effectively compete and win at the highest level of competition. Whether through enhanced training programs or efficient, interactive communication technologies, athletes and physiotherapists are supported by research and development efforts that monitor advancements from around the world, ensuring state-of-the-art practices and technology to optimize athlete performance across all UK Sport initiatives.

### **The Challenge**

Based on recommendations from doctors, physiotherapists and sports science specialists of several governing bodies and sports institutions, the EAMR Project was launched to establish an Electronic Athlete Medical Record System that could be used in the run up to, during, and beyond the 2004 Athens Summer Olympics and Paralympics games to provide:



- Secure, Internet-based access to athlete medical information anywhere in the world, for all participants of the project.
- Enhanced, best-practice communications between medical support staff

Additionally, with over 1900 current active athlete records (and an expected 6,000 by mid 2006), physicians and physiotherapists needed an efficient method of capturing athlete health and fitness information digitally that did not impact the flow, accuracy, or thoroughness of their examinations.

## The Solution

Presagia Sports™ was selected for its comprehensive, real-world approach to athlete health and fitness management. In addition to being the industry's first web-based solution, Presagia Sports™ responded to the daily workflow requirements of physicians and therapists in clinics and remotely (training field, competitive arenas, etc.) with a suite of modules that follow the natural workflow of health analysis:

- Unique in the industry, the **Consult Module** links all notes, test results, and other examination details from multiple physicians and therapists in a single record, ensuring authorized personnel involved in the care of the athlete have full exposure to pertinent data prior to entering the injury diagnosis and treatment phase. Presagia Sports™ can also be programmed to auto-populate standard and custom forms, such as medical referral forms and physical examination forms, reducing tedious administrative paperwork and giving personnel more time to focus their energies elsewhere.
- The **Injury Module** follows a simple, logical layout that captures key injury and incident information such as description, date, diagnostic codes, and other information related to a specific injury, providing all the information needed to treat an athlete in one place.
- The **Athlete Administration Module** eliminates the need to search through disconnected systems to establish an athlete's basic profile or determine their current availability for competition. The module gives coaches, administrators, and other personnel access to demographics, medical background, competitive status, and organizational information, enabling quick decision-making and efficient administration. Additionally, HIPAA-based security allows the system administrator to configure read/write access on a per-user basis, ensuring only authorized personnel are granted access to specific modules and athlete records.
- The **Communications Module** offers secure messaging, scheduling, and notification capabilities enabling key personnel to be automatically updated of any changes in an athlete's record. All of this facilitates and simplifies the exchange of information by promoting real-time communication and collaboration among stakeholders.



Pulling together the extensive data captured throughout the system is a robust, customizable reporting program. The Presagia Sports™ reporting capabilities enable UK Sport to establish standardized, pre-defined reports, while simultaneously ensuring physiotherapists, medical professionals, and administrative staff have the flexibility to generate custom reports tailored to their specific requirements.

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Presagia develops innovative health and productivity management software solutions for employers, healthcare practitioners and athletics organizations worldwide. Our user-friendly solutions support cost-effective integration of diverse data, processes and systems to improve communications, streamline workflows and provide real-time information and analytics. The result is strategic, collaborative management that controls health costs, increases productivity and improves overall wellness.