# What it takes to win Gold – Dave Smith

of 2012 the achievement of his ultimate goal in the summer Manie Roberts on his experiences in elite sport and mixed four Paralympic rowing, reflects with Claire-David Smith, Paralympic Gold medal winner in the

my love of sport despite the many operations and corrective procedures I had to attempt rectify this impairment. The end result commonly known as 'club foot', was no barrier to me pursuing In the beginning
The fact that I was born with talpes equinovarus, a disability more no dorsification in this limb was a permanently fused right ankle and as a consequence, little to

# My sporting beginnings and first international

side, I continued to represent GB until I was 19, when I took a decision to give a different sport a go. in any case, karate wasn't an Olympic sport and I knew that's where I wanted to be. Like most boys of my age, I was obsessed with sport.Aged 7,1 decided to specialise in karate.As I progressed, I began to represent Great Britain and won a medal in the 1993 World Championships. biomechanical difficulties and a developed imbalance on my right Insoles to correct my galt and sent me on my way. Despite these that I was unable to bend my right knee and started to develop certain positions and generating power through my hips. I found However, I admit that I experienced a few problems along the lower back problems. I was referred to a podiatrist who gave me way. For example, I started to experience problems holding

## From karate to skiing.

correct racing positions for my events as I struggled to recruit the correct muscles on the right side of my body. years, competing in sialom and giant sialom events. I did find that as my foot was trapped in a ski boot, it was difficult to employ the After my retirement from karate, I pursued ski racing for a few

### and athletics

run efficiently around corners. I felt that I should turn my attentions travel for 3 hours each way to training and back. When I started no idea about the science behind sporting performance, I used to club in 1998 where I inadvertently fell in love In an attempt to enhance my training for skiing, I joined an athletics acceptance that my biomechanical limitations meant that I couldn't athletics career was marked by a fracture of the navicular and an doctors told me I was training too hard. In 2000, the end of my to experience shooting pains in my legs, headaches and back pains with sprinting. Having



to the 100 m instead, but at 6'4" and 100 kg, I was hardly the Ideal

### An epiphany

do next? next course of attack in the sporting world. What could I possibly provide the solution. I started pushing weights, and planning my medical practice in North Sydney. This was my first introduction to sport science. During the six months I spent here, I became out there, I met a biomechanist by chance who was working in a fracture, I decided to visit my sister who lives in Australia. My visit in my right foot. From what I could gather, strength training may fighting with in the various different sports I'd tried may originate on the topic. It was then I realised that all of the limitations i'd been inspired to study the principles of training and bought many books just happened to coincide with the Sydney Olympics! While I was During the period of time that I was recovering from my foot

### Bobsleigh

a love of winter sports and a possibility to get to the Olympics. On return to the UK I picked up the phone and organized attendance at trials for the GB Bobsleigh team. I trained hard to make the team and in 2002 I discovered a training environment with more been selected for the Winter Olympics in Turin but on a pre-Games training camp, my body finally shut down, and I was diagnosed with were evident in my gait when I subconsciously over-compensated for my lack of dorsfilexion. In 2005 there were signs that I may have problematic right foot to anyone within the team, subtle markers I really learned to train properly. Although I hadn't mentioned my of a focus on the scientific approach, and a whole wealth of It just happened that bobsleigh fitted my criteria: A love of athletics overtraining syndroms knowledge amongst the support staff. It was during this time that

# Missing out on the Olympics

bobsleigh in 2008. training and strengthening my body with the intention to return to fuelled my desire to return to sport as an athlete. I spent a summer While I was having a break from training, I took a position as Assistant Coach with the GB skiing team where I gained valuable experience as a coach. However, the sporting environment I was in

# A timeline for Dave's sporting caree

	1978	Bom	
Started String	1982		
	1985	Specialised in Karata (represented GB)	
Won Karata	1993	in Karata ed GB)	
pined Athletics	1997	Ratined from Karata Took up Sid Racing	
	1998	Kurste. Bacing	
	1999	East of Scotland 400 m title	
Fracture of navious	2000	a.	
	2002	Richard for GB Bodnikip	

1978
1982
1985
1993
1997
1998
1999
2000
2002

### Finally, some answers

suggesting this, and even though I now had an explanation for the frustrations I had suffered in each sport I'd represented, I couldn't help but wonder what people would think of me if I transitioned from Olympic to Paralympic sport. I found it difficult to accept that in a world where less than 1 % can be responsible for winning or losing! She asked me whether I'd considered Paralympic sports, (BPA). After lengthy discussions, she made me aware that my problematic right foot was the most likely cause of my consistent injuries, biomechanical imbalance and impaired gait. She suggested Inclusion in disability sport. there was something so wrong with me that would warrant my the next BPA talent day. Although I understood her reasons for that it was responsible for a 10-15% deterioration in performance, reassuring me that I would qualify, and encouraged me to attend It was during this time that I came across a physiotherapist who was working as a classifier for the British Paralympic Association

a 3 minute row on the ergometer (erg). Although I'd only ever been on an erg twice before, it turned out that I'd rowed a pretty British Paralympic Association Talent Day | bit the bullet and attended the next BPA talent day where I was professionalism of the set up, the facilities; everything about it just When I went to visit them, I have to admit that I was inspired. The put through a whole battery of general tests.The last one was decent time, and I was immediately put in touch with GB Rowing.

## Great Britain Rowing

the English institute of Sport (EIS), any support that was needed was delivered at super-quick speeds, so i'd been in and out of the scanner before I knew it. a challenge. I had relinquished control of my training to others at the grand old age of 30! in addition to this, neurological symptoms won the world championships in my new event: the legs, trunks and arms Paralympic mixed coxed four rowing (LTAMix4+). It had been far from easy though. When I reflect on this time, it was clear so I was sent for an MRI scan of my upper spine. Thanks to my person to examine my complaints outside the box". On first examination, he felt that I may have a structural neck problem. Swimming. He had a specialism in neurology and was the first that during my time with GB Rowing I was introduced to a new physiotherapist who had previously been working with British own to becoming part of a full-time residential programme was Five months after entering the full-time residential programme, i'd programme being heavily funded and supported by specialists at persisted as did my fitful sleep patterns. It was fortuitous then that going from spending many hours training remotely and on my

my spinal cord, and it needed removing...now. Oddly enough, I remember feeling a great sense of relief on hearing this news. neurologist and duly attended my allocated appointment, oblivious This diagnosis explained the all too familiar shooting pains, back that the MRI had shown evidence of a suspected turnour Inside to the news that was about to come my way. I quickly discovered After the scan, I had been told that I was being referred to a

> the most competent support network I could hope for place to be as an individual in this predicament than surrounded by attributed to the natural consequences of being an athlete. When the significance of the news finally sunk in, I had an overwhelming problems, sleep issues, chronic fatigue, my inability to recover and many more symptoms that had plagued me for years. Things I had that I was in safe hands. I knew that there was no better

I was pleased to note that my surgeon was a former athlete himself it was comforting to be in the hands of someone who knew how my mind worked, and who had no intention of patronising me. I the use of my legs and my left arm. undergo a further operation 12 days later to remove a blood clot that had formed at the base of my neck. It had caused me to lose surgery was successful in removing the turnour, I was required to competing in my home Paralympics and I had confidence that he remained adamant that this set back would not prevent me from understood this and would support my end goal. Although the

### The aftermath

I was in hospital, practising my training and my event in my head as a substitute for my physical training. During these times, I used to been more significant for me, as I decided to take Dave's advice and approach my recovery as a fighter. It's seen as a threat, It will shut down." Those words couldn't have it" he claimed."If your body sees it as a challenge, it will fight it. If think back to a lecture i'd attended that was given by Dave Collins: that I was going to make it. The most powerful thing when you have nothing is your mind. I used a lot of psychological skills while As I lay, reflecting on the experiences of the last few weeks, I knew How you perceive something affects the way your body deals with

### The happy ending

the unparalleled science and medical support and guidance I had from people within the EIS and from GB Rowing. I am completely in awe of these people, and I owe them my life. Every link in this home Paralympics. My recovery, my rehabilitation, my success, the archievement of my life goal, would not have been possible without pushed past my limits, with no special concessions. The results, as they say, speak for themselves. was so fortunate to be in this privileged environment where I was chain helped me rebuild, rehabilitate and become an athlete again. I Championships, and just over two years since I won Gold at my Fourteen months post (second) surgery, I won the World

lavid wither to thank the following people Richard Budget, Ben Rosenblett, Pet Dunisso; arah Hardman, Andrew Griffiths and everyone at GB Rowing for their unfaltering pport.The Editor thanks Nik Disper ġ making the article p

Home's charity set up to help injured service men and women. He's looking for an additional member to join his team - someone driven and focused who can work w David's next challenge is an around the world cycle challenge to raise money for Coming turn during extrame high and lows. They need to be a leader yet also slot easily into team, with high levels of mental and physical fitness. Further information dentities 140,

Pre-Olympic selection. Diagnosed with overtraining	2005	
ection. overtraining	2006	Started as Assistant coach for GB Sking
Returned to GB Bobsleigh	2008	dart
	2008	BAA Talent Day Joined GB Rowing
World Champion	2009	lay swing
ğ ÷	2010	on spinal cord. Temporary paralysis
World Champion	2011	endysis
pign +	2012	Workself at London 2012 Bridympics