

A New Playbook for making better decisions in football (sports)

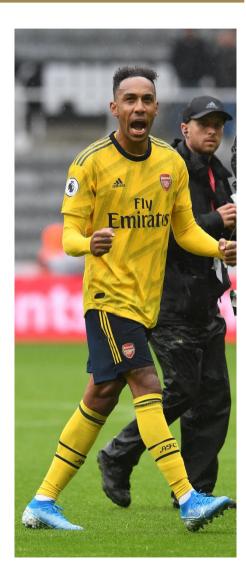
ARSENAL PERFORMANCE & RESEARCH TEAM Presented: 10th October 2019



PLAN



- Objective of football
- Decision-making
- Introducing a New Play Book
- Some examples





To win games



Trophies







Sustainable success

Reputation

Financial rewards

WINNING IS COMPLEX & MULTIDIMENSIONAL











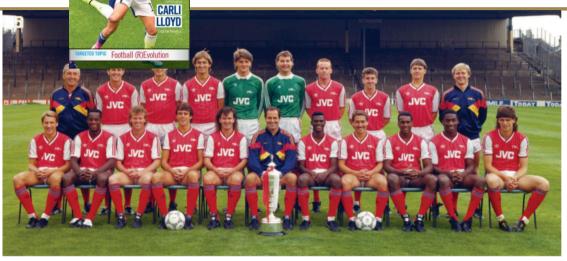






THEN versus NOW







THEN versus NOW

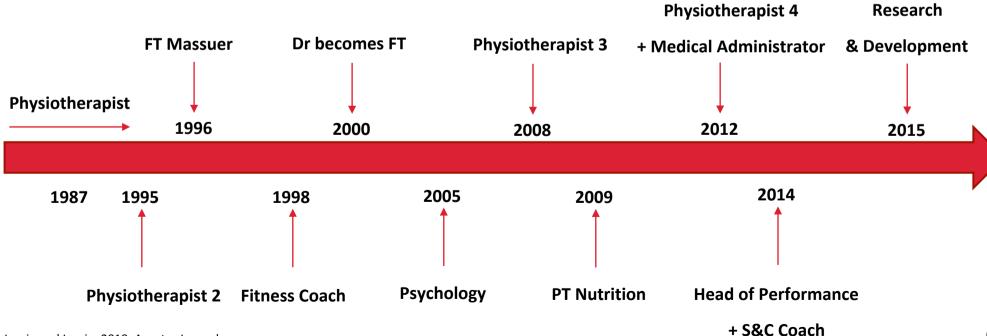










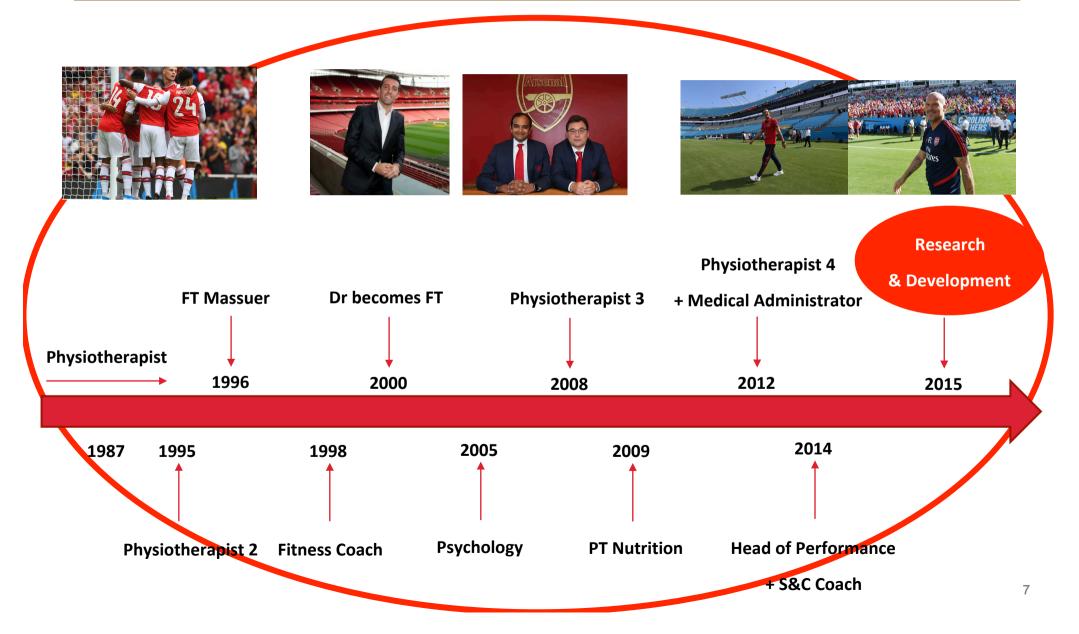


Lewin and Lewin, 2018; Aspetar Journal

CII

Team behind the team







DECISION-MAKING AND PERFORMANCE



Harvard Business Review

DECISION MAKING

A Checklist for Making Faster, Better Decisions

by Erik Larson



Managers make about three billion decisions each year, and almost all of them can be made better.

The stakes for doing so are real: decisions are the most powerful tool managers have for getting things done. Setting goals (another tool) is aspire Screenshot decisions actually drives action.

Decision Conflict in Army Leaders

Adrian Wolfberg, PhD

Download the PDF 📜



May-June 2019







- During 1 day this week keep a diary of decisions you make related to health & performance
 - Minor little impact for performance but needed to be made
 - Moderate some direct impact on performance but not essential
 - Major direct impact on performance (may have monetary implications too)

DECISION-MAKING IN FOOTBALL







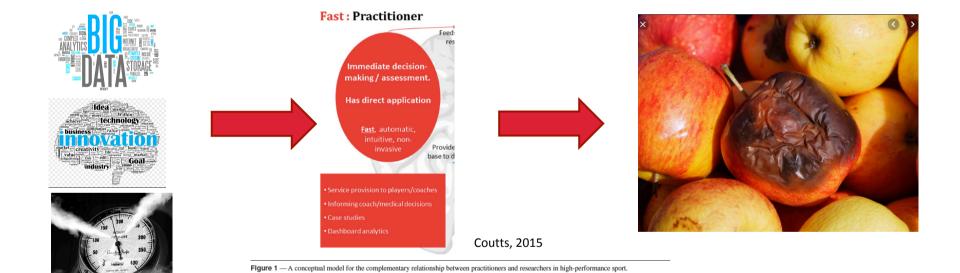
My main interactions are with coaches, players, support staff



DAY 1	DAY 2	DAY 3
MD+1 (off)	MD-2 (train)	MD-1 (train)
MINOR®	MAJOR MAJOR	MAJOR Steels

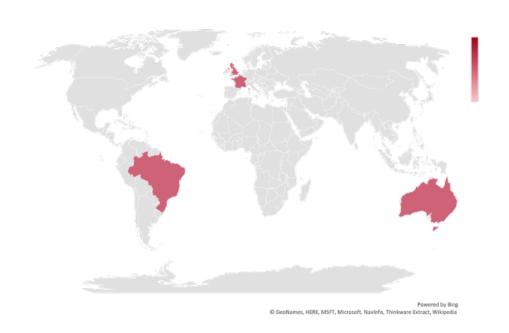
CHALLENGES TO DECISION-MAKING IN FOOTBALL

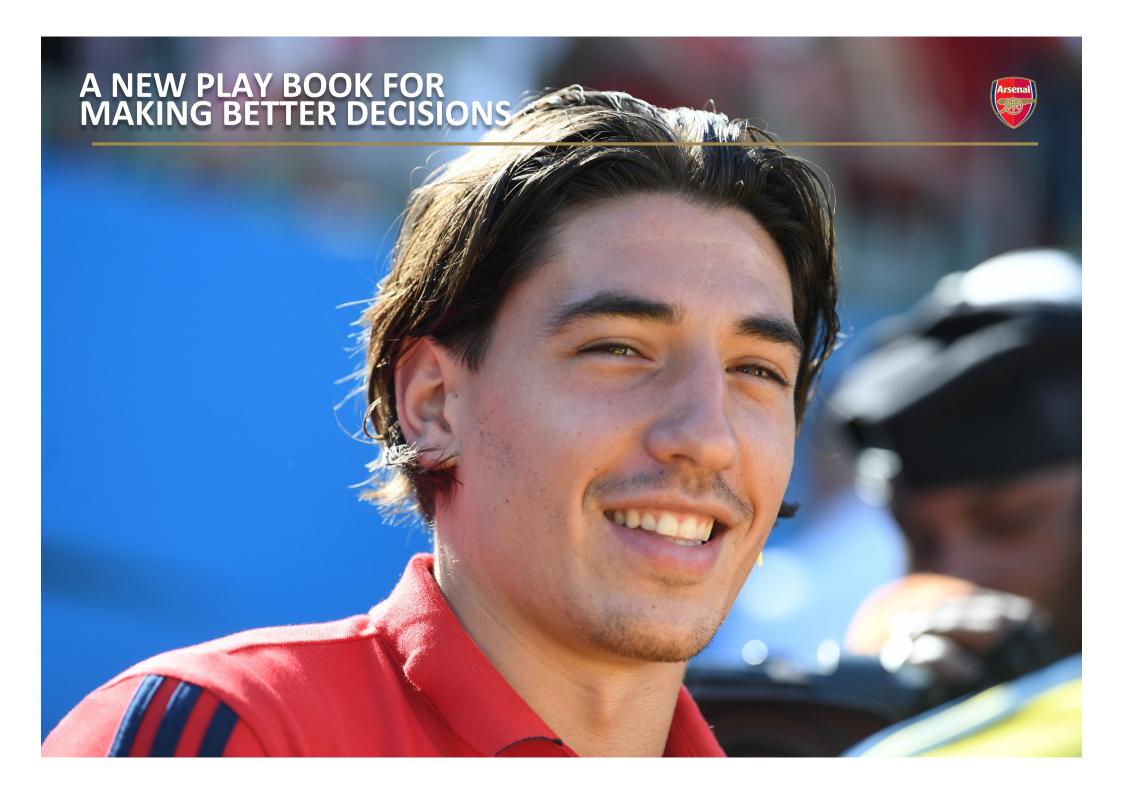




CHALLENGES TO DECISION-MAKING IN FOOTBALL







A NEW PLAY BOOK





Definition of research and development in English:

research and development 🐠

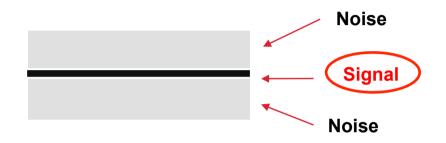


NOUN

[mass noun]

(in industry) work directed towards the innovation, introduction, and improvement of products and processes.

+ Example sentences









R&D: AIM & VALUES



Help people to make the right decision at the right time



increase the likelihood to win matches

- CEO / COO / Technical Director / Board
- Coaches
- Players
- Support staff
- Front Office

Filter to identify the signal

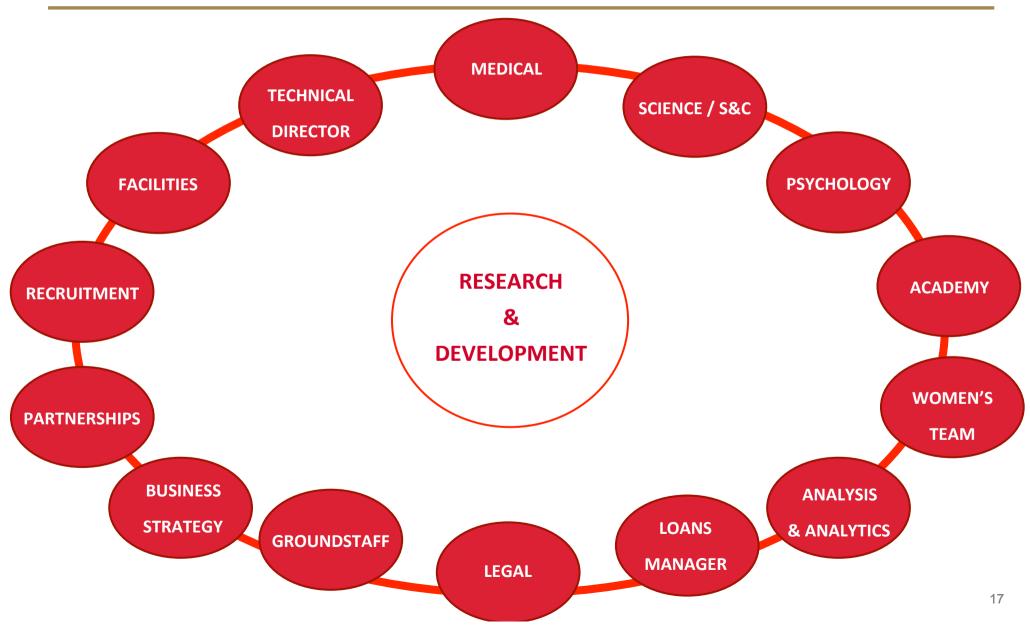


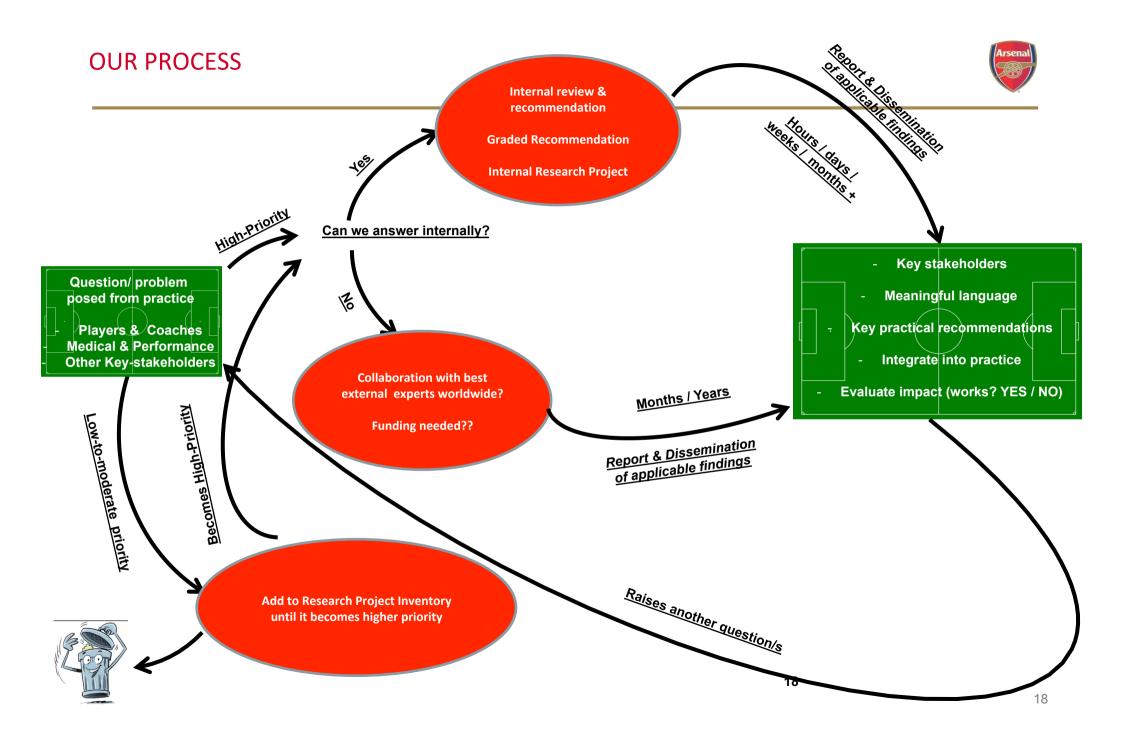
Values

- Integrate & collaborate within our team to answer questions that impact practice (3 points)
- Prioritise player health and performance
- Invest wisely (money, time, energy)
- Maximise and protect the clubs reputation
- Openness to integrate & collaborate with the best experts in the world
 - Co-design & develop solutions / products / innovations

INTEGRATION & COLLABORATION







QUESTIONS FROM THE FIELD



Has he recovered enough to play on Wednesday?



What should we measure to see if he has recovered?



me the levels of evidence for recovery strategies?



Can psychological factors predict if the player will make it?

What do we do if there is an acid attack on one of the players or staff?



What's better for recovery, fatigue and injury? Airfibre or **Desso Grassmaster?**





GLOBAL COLLABORATIONS







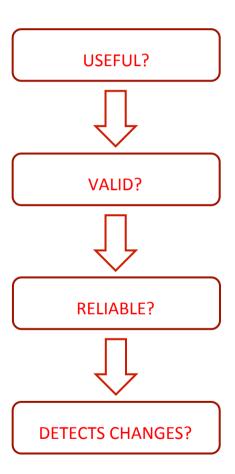




International Journal of Sports Physiology and Performance, 2009, 4, 269-277 © 2009 Human Kinetics, Inc.

Test Validation in Sport Physiology: Lessons Learned From Clinimetrics

Franco M. Impellizzeri and Samuele M. Marcora



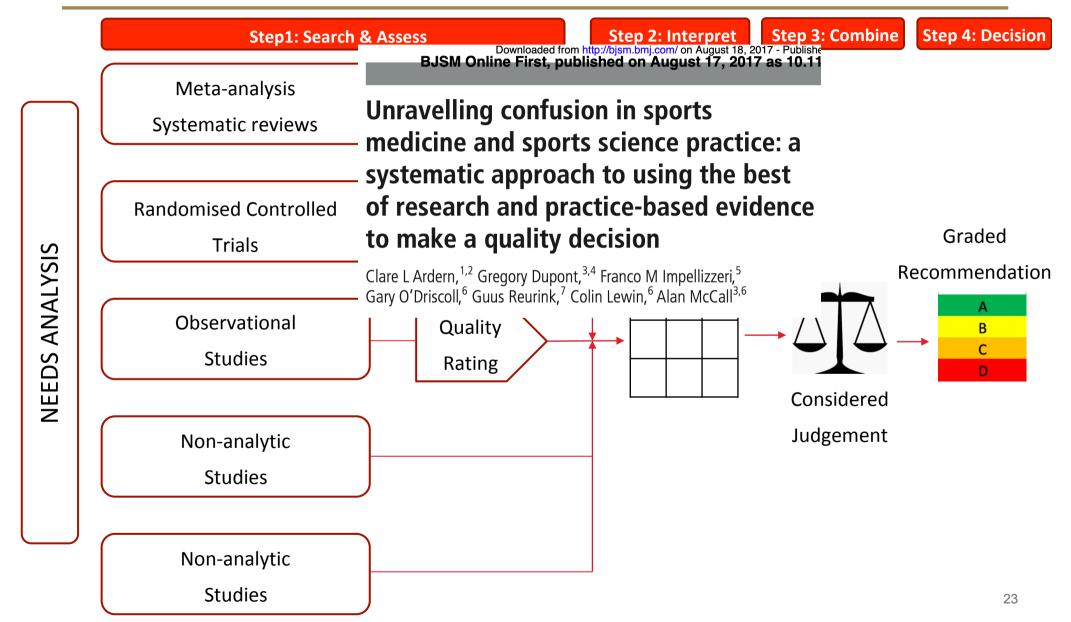
REAL LIFE QUESTIONS PUT INTO PRACTICE





A DECISION-MAKING MODEL



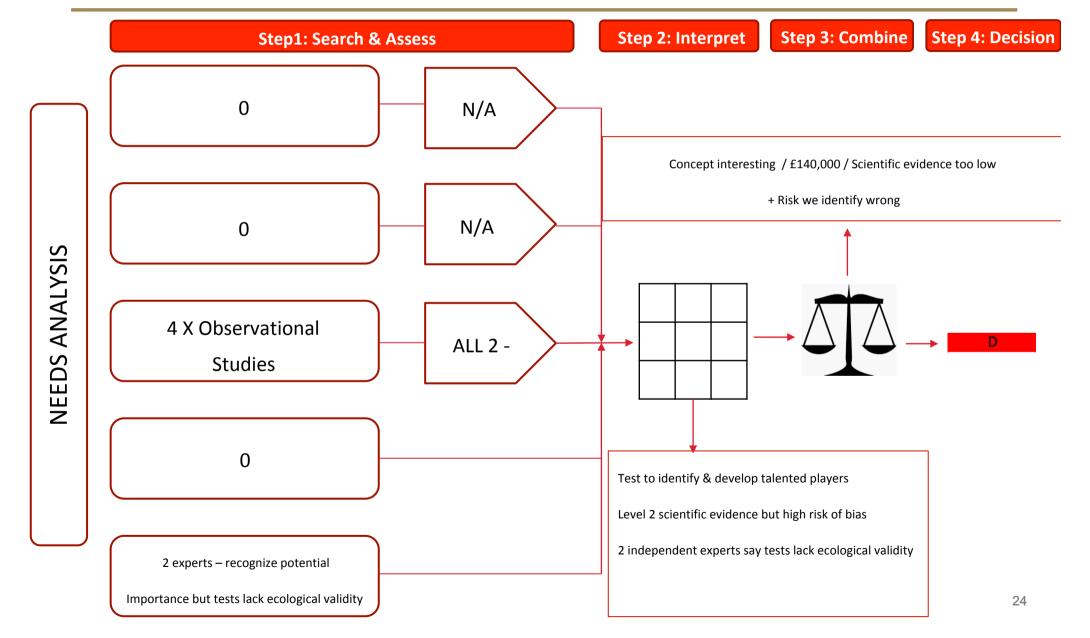


A DECISION-MAKING MODEL



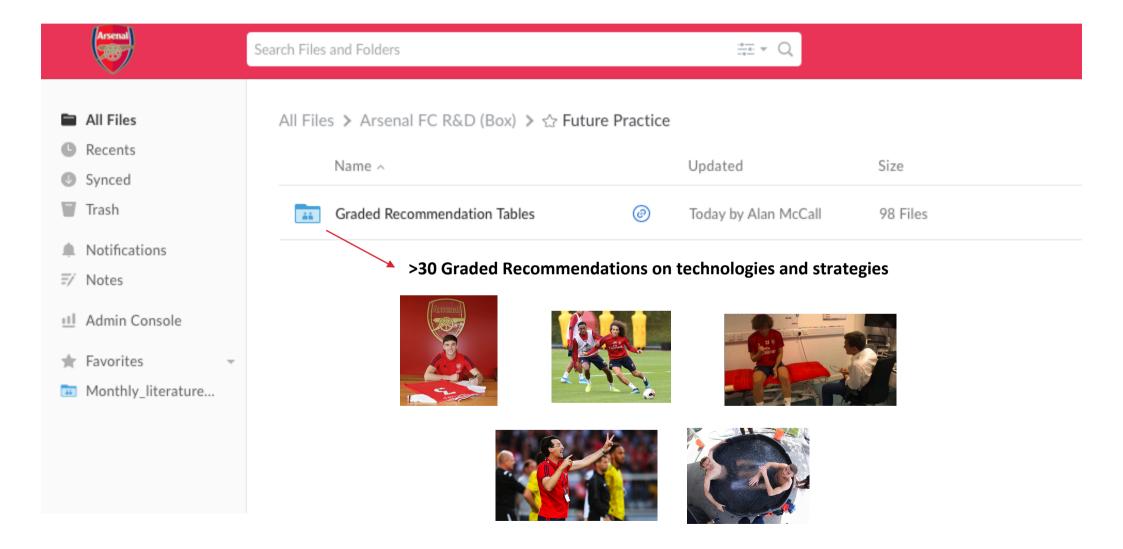
- Test to identify talent
- Develop training program





A DECISION-MAKING MODEL





R&D SHORT SURVEY



Better efficiency throughout whole football club

Better investments& Performance

Better information to coaches & players

Reduce margin of error through entire sporting organisation

Better recruitment





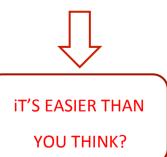


5 CEO's

















THE DREAM TEAM









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