

# Professor Nick Bosanquet



# ***Biomed engineers***

***Biomed engineers have communed with the machines in workshops at the end of corridors. As long as the machines had a tick on their box all was right with their world.***

# Key Changes in Health Environment

- Funding Pressure .Trusts -5% p.a.
- NHS England –coming of Specialist Commissioning.
- 143 Specialist Services. Budgets
- Costs—benchmark on reasonable providers.
- CCGs –in the mist.

# Dispersed Technology

- Greater access by more people.
- Lower cost
- Medium ticket technology.
- Concerns about quality
- From feudal system to pluralism.
- The story of the hard working African toad (Xenopus laevis)

# Challenges after the Francis Report

- NHS Challenges after Francis Report.
- Immediate funding pressures. Make every £ count.
- Competitive pressures on Trusts  
Pressures to rise activity—use equipment more intensively.
- Concerns about quality/patient experience

# RAISING PRODUCTIVITY

- Health Service Workforce Issue
- Shortage of problem solvers. Biomed service for leaders of local teams.
- Involve local product champions in design/lay outs.
- BIOMED LEAD IN RAISING PRODUCTIVITY.

# Customer focus

- What would customer focus be for Biomed?
- What is important to the customer(s)—health professionals and managers?
- Raise capability to give patient care.
- Quality. Francis Report.
- Care integration—hospital to service closer to patients. Service redesign.
- Improving process and outcomes.
- Reduce cost per item of quality service.

# Biomedics can deliver results

- Biomedics can deliver results in terms of care improvement.
- Equipment design /layout to increase ease of use and raise reliability.
- Monitor process including speed of service and patient experience.
- Monitor impact on outcomes.



# Staff Training

- Staff Training.
  - Staff Training—more intensive.
  - Central to professional mission/capability
  - More than half day induction.
  - Rigorous training and testing.
  - The Grantham approach.(WW 1 training— assemble a machine gun on a dark night in 2 minutes). [RAF training.](#)

# Entering an entrepreneurial future

- .NHS “entering an entrepreneurial future”.(Tim Kelsey National Director for Patients and Information. )
- Biomed key area for public /private partnership.
- Access to capital and expertise .

- Thank you.