

Is Day Case Bariatric Surgery Feasible and Desirable?

Contrary View

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I have no potential conflict of interest to report

John Heywood 1497-1580



There are none so blind as those who will not see. The most deluded people are those who choose to ignore what they already know.

The Day Surgery Ideal



Abundant Still Life with a Parrot by Jan Davidsz de Heem Museum: Academy of Fine Arts Vienna Oil on canvas, c. 1650

The Day Surgery Ideal

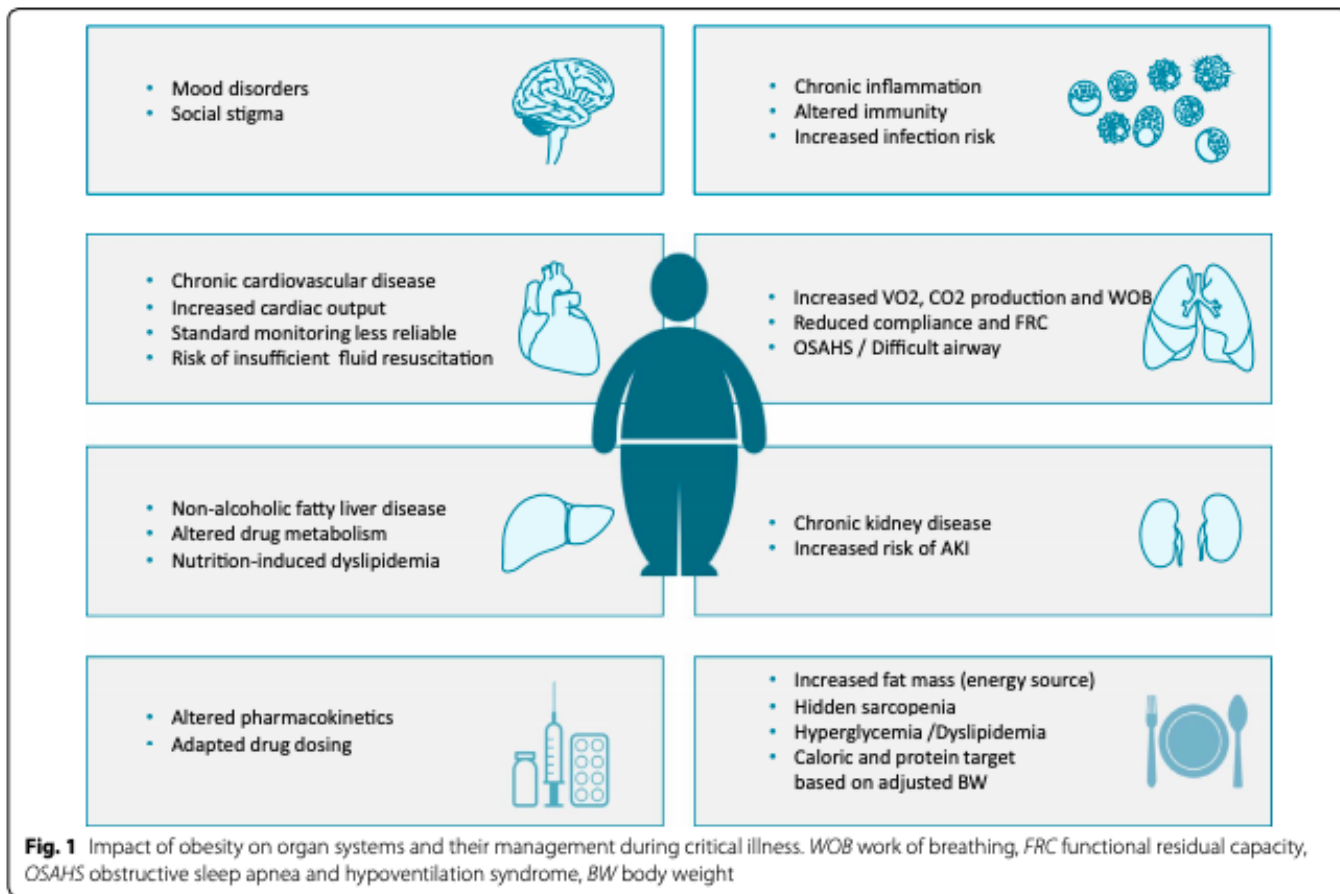
- Continuing Education in Anaesthesia, Critical Care & Pain Volume 14 Number 6 2014
- High-quality patient care
- Excellent patient satisfaction
- Shorter hospital stays
- Early mobilisation
- Reduce rates of hospital-acquired infection and venous thromboembolism
- Patients overwhelmingly endorse day surgery
- Smaller waiting times
- Less risk of cancellation
- Lower rates of infection
- Preference of their own surroundings to convalesce

The Metabolic and Bariatric Treatment Reality

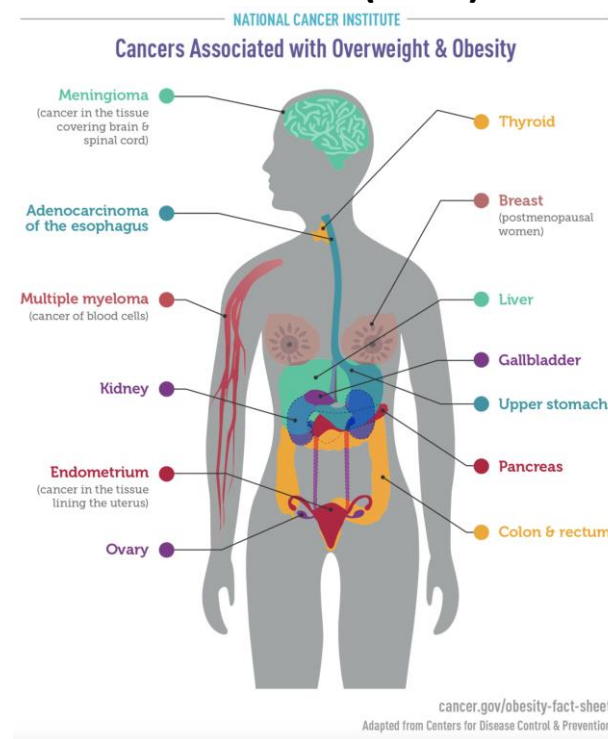


CONTEMPORARY PIECES" BY REBECCA RÜTTEN: FAST FOOD CULTURE IN RENAISSANCE STYLE

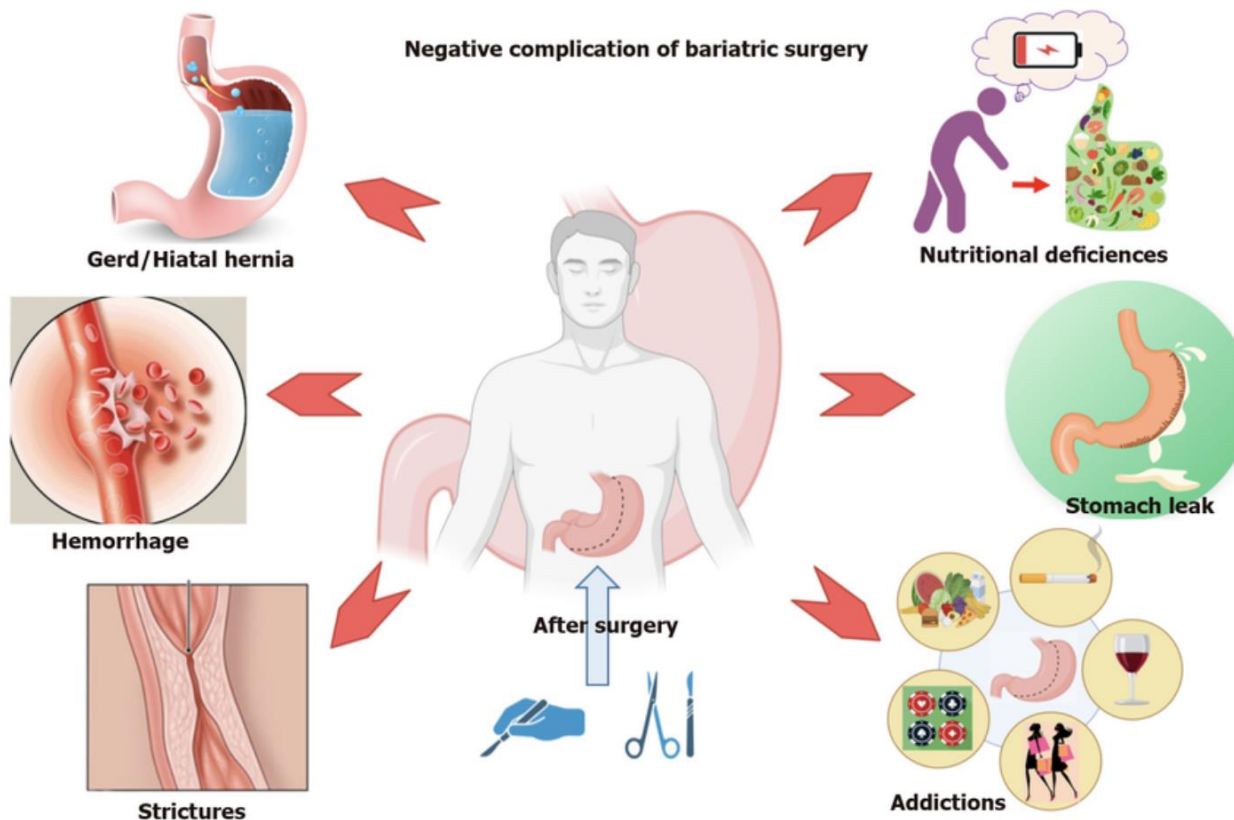
The Metabolic and Bariatric Patient Reality



Obesity in the critically ill: a narrative review Intensive Care Med (2019) 45:757–769

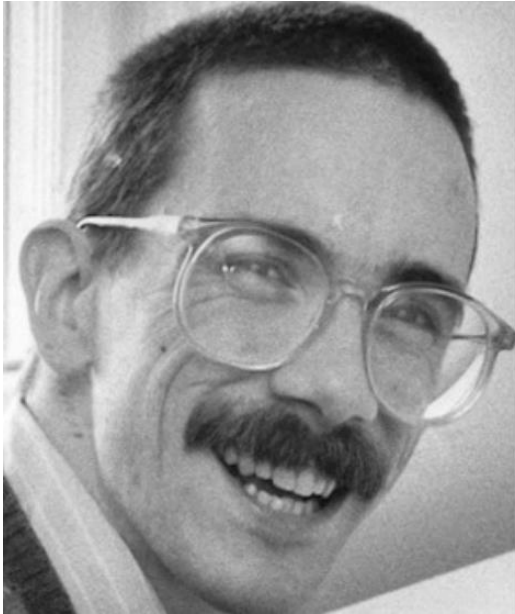


The Metabolic and Bariatric Surgery Reality



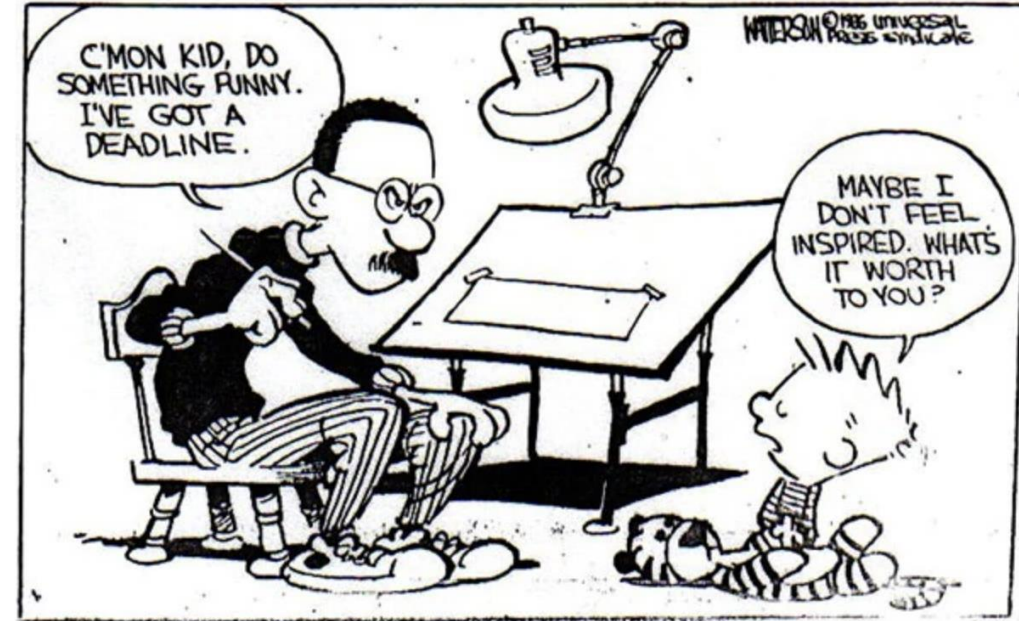
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Bill Patterson Cartoonist Author Calvin & Hobbes



It's not denial. I'm just selective
about the reality I accept.

— Bill Watterson —



Gustave Flaubert (1821-1880) "Le bon Dieu est dans le detail."

- Badaoui, J Clin Anesth. 2016 Nov;34:85-90
 - 100 Non-randomized Sequential patients, 18% PONV rate
- Billing, Surgery for Obesity and Related Diseases, Volume 15, Issue 6, 2019, Pages 832-836
 - 2534 Sequential cases with a 6% readmission rate
- Aayed, Surgery for Obesity and Related Diseases, Volume 15, Issue 6, 2019, Pages 832-836
 - 1544 patients randomised to Inpatient or Day case
 - Day Case readmission 4% and 17% needed an emergency consultation in the first week
- Annalise Katz-Summercorn, British Journal of Surgery, Volume 109, Issue Supplement 9, December 2022
 - Retrospective analysis, 39 patients identified Day stay candidates, 46% discharged on day of surgery
- Al-Masrouri, Surgical Endoscopy <https://doi.org/10.1007/s00464-022-09721-w> 2022
 - 56/320 cases opted for same day discharge, despite this 4% still failed
- Dreifuss, Obesity Surgery (2022) 32: 3900-3907
 - Retrospective Analysis, 165,032 (98.7%) Inpatient, 2156 (1.3%) Day Case

Gustave Flaubert (1821-1880) "Le bon Dieu est dans le detail."

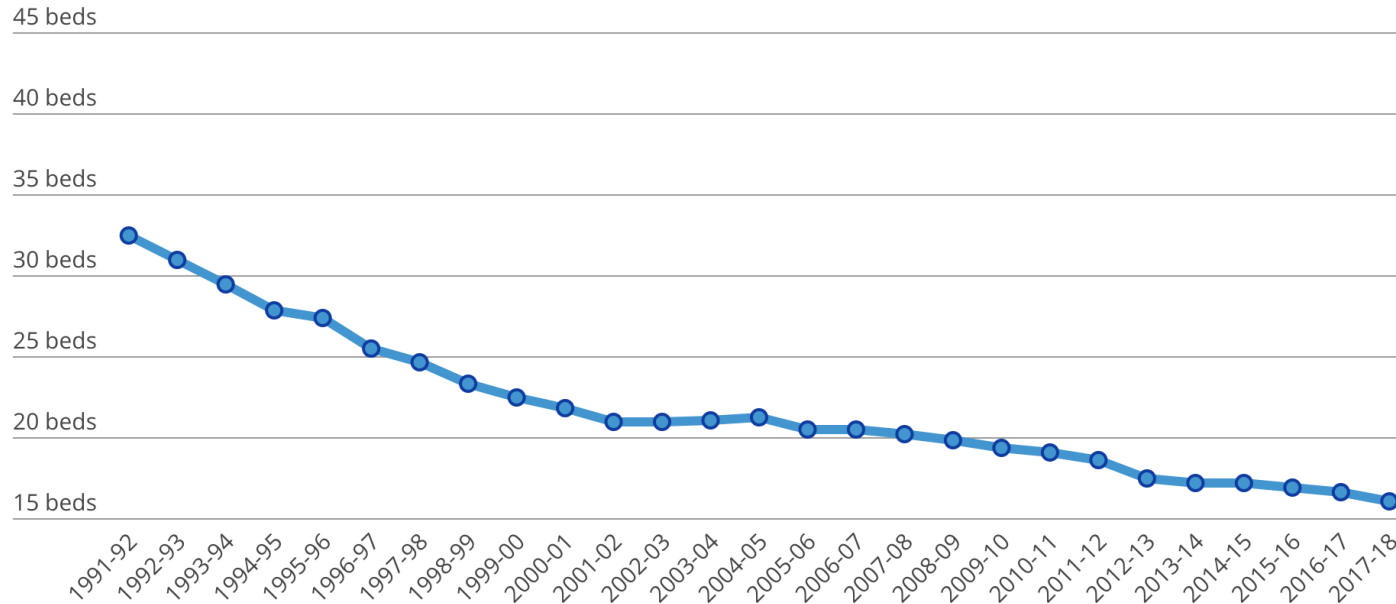
- Only One Randomised Control Trial
- Mainly Retrospective Data
- Small Study Sizes
- Patients for Metabolic Bariatric Surgery highly selected
- Readmission rate 4 to 6%
- Early consultation in 20%

Contrary: Is Case Bariatric Surgery Feasible and Desirable?

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What is the Plan B?

NUMBER OF APPROVED/AVAILABLE PUBLIC HOSPITAL BEDS PER 1000 POPULATION AGED 65 AND OVER - ALL STATES AND TERRITORIES



Source: Australian Institute of Health and Welfare (AIHW). Australian hospital statistics. ABS Australian demographic statistics

Possible but practical?



Summary

- High Risk Population
- Psychologically Vulnerable
- Difficult Technically Demanding Surgery
- For which there is a significant complication rate
- Very few high quality studies in the literature
 - Randomised
 - Double Blind
 - Large Sample Size
- Significant Readmission rate from Day Surgery
- Over-stretched Public and Private Hospital System
- Significant need for unscheduled early review
- That is better than One day stay in Hospital?

Accept the Painful Truth

