

Cancer Treatment Effects: an MDT approach

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11th November 2016



Case 1

- 68 yr old man
- 2007 Follicular Non Hodgkins Lymphoma
- Treated with chemotherapy
- August 2010 relapsed
- Further chemotherapy bendamustine x 6
- Till May 2011
- Partial remission



Cardiac problems

- Paroxysmal Atrial Fibrillation
- Endomyocardial Ablation
- Arrhythmia
- May 2014 NSTEMI due to anaemia
- Right heart failure
- Hyperthyroidism started on carbimazole
- Weight gain



Bone Marrow Transplant

- Matched unrelated donor marrow transplant
- With chemotherapy pre-conditioning 2011
- Vertebral insufficiency fracture during admission
- Pathological fracture right leg



Bone problems

- Back pain
- DEXA scan osteoporosis
- On Bisphosphonate Zometa annually
- On Vitamin D
- Difficulty with walking
- Able to support himself and maintain posture
- Cervical collar for degenerative disease
- Low levels of testosterone Jan 2015



- Supportive care for analgesia
- OP physio referral Oct 2015
- Renal dysfunction
- Sleep apnoea



Multiple clinicians involved

- Who co-ordinates care?
- How long should oncologists see patients on follow-up?
- If not the oncologist, who should see the patient?
- Support for the oncologist?



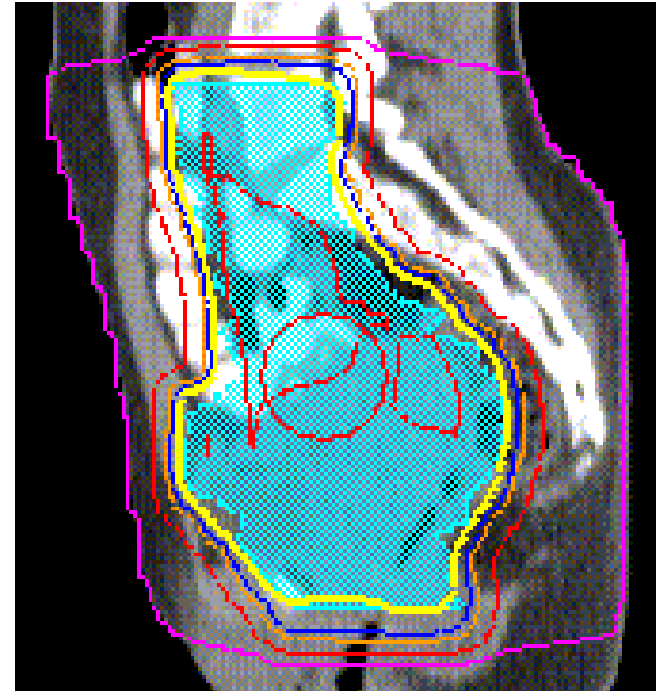
Case 2

- 31yr old woman
- 2006 chemoradiotherapy for cervix cancer
- 2007 pelvic relapse → total pelvic clearance
- 2008 laparotomy for bowel obstruction and colovaginal fistula
- 2008 chemotherapy for probable recurrence not biopsy proven.



Conformal Pelvic Radiotherapy

- Large planned treatment volume (PTV) = turquoise
- Given over 4 weeks
- Followed by boost
- Once weekly cisplatin
- 40mg/m²



Recognition of Late effects

- 2008 Pelvic pain and back pain
- Presumed pelvic recurrence
- Severe chronic pain



Nutritional issues

- Episodes of bowel obstruction
- Not absorbing medication – capsules appearing in stoma bag
- Advice on dietary restriction given
- Low fibre diet, vitamin D
- Has had episodes of sepsis and treated with iv antibiotics 2016

- Weight 59kg, ht 163cm, BMI 23 2016



Access to specialist input

- December 2015 Referred to Intestinal Failure Unit at Salford Royal FT.
- line inserted fro TPN March 2016 to re-establish TPN
- Home Parenteral nutrition managed by SRFT



Chronic pain

- Back pain since 2008
- Intermittent severe abdominal pain → A&E
- Managed by supportive care team and
- Anaesthetist in pain clinic
- Feb 2016 pancytopenic with Entonox use
- Admission for pain control
- Oxynorm, zomorph, fentanyl inhaler, pregabalin, ibuprofen, buscopan, cannabis oil, TENS
- Nerve blocks



Psychological issues

- Lost partner at age of 17
- Daughter 14yrs
- Support from mother and sister
- Sees Psycho oncology team
- Sleep dysfunction
- Complimentary therapy, relaxation, imagery, massage



Support

- Intractable problems
- In A & E in another hospital
- Role of the general practitioner



QUESTIONS

WHY DO WHALES JUMP
WHY ARE WITCHES GREEN
WHY ARE THERE MIRRORS ABOVE BEDS

WHY DO TESTICLES MOVE
WHY ARE THERE PSYCHICS
WHY ARE HATS SO EXPENSIVE
WHY IS THERE CAFFEINE IN MY SHAMPOO
WHY DO YOUR BOOBS HURT

WHY ARE THERE SLAVES IN THE BIBLE
WHY DO TWINS HAVE DIFFERENT FINGERPRINTS
WHY ARE AMERICANS AFRAID OF DRAGONS

WHY IS HTTPS CROSSED OUT IN RED
WHY IS THERE A LINE THROUGH HTTPS
WHY IS THERE A RED LINE THROUGH HTTPS ON FACEBOOK
WHY IS HTTPS IMPORTANT

WHY DO I SAY UH
WHY IS SEA SALT BETTER
WHY ARE THERE TREES IN THE MIDDLE OF FIELDS
WHY IS THERE NOT A POKEMON MMO
WHY IS THERE LAUGHING IN TV SHOWS
WHY ARE THERE DOORS ON THE FREEWAY
WHY ARE THERE SO MANY SVCHOST.EXE RUNNING
WHY AREN'T THERE ANY COUNTRIES IN ANTARCTICA
WHY ARE THERE SCARY SOUNDS IN MINECRAFT
WHY IS THERE KICKING IN MY STOMACH
WHY ARE THERE TWO SLASHES AFTER HTTP

WHY AREN'T ECONOMISTS RICH
WHY DO AMERICANS CALL IT SOCCER
WHY ARE MY EARS RINGING
WHY ARE THERE SO MANY AVENGERS
WHY ARE THE AVENGERS FIGHTING THE X MEN
WHY IS WOLVERINE NOT IN THE AVENGERS

WHY ARE THERE SURFIS OF GHAITS
WHY IS THERE PHLEGM
WHY ARE THERE SO MANY CROWS IN ROCHESTER, MN
WHY IS PSYCHIC WEAK TO BUG
WHY DO CHILDREN GET CANCER
WHY IS POSEIDON ANGRY WITH ODYSSEUS
WHY IS THERE ICE IN SPACE

WHY AREN'T MY ARMS GROWING
WHY ARE THERE WEEKS
WHY DO I FEEL DIZZY



WHY ARE THERE CELEBRITIES
WHY DO SNAKES EXIST
WHY DO OYSTERS HAVE PEARLS
WHY ARE DUCKS CALLED DUCKS
WHY DO THEY CALL IT THE CLAP
WHY ARE KYLE AND CARTMAN FRIENDS
WHY IS THERE AN ARROW ON AANG'S HEAD
WHY ARE TEXT MESSAGES BLUE
WHY ARE THERE MUSTACHES ON CLOTHES
WHY ARE THERE MUSTACHES ON CARS
WHY ARE THERE MUSTACHES EVERYWHERE
WHY ARE THERE SO MANY BIRDS IN OHIO
WHY IS THERE SO MUCH RAIN IN OHIO
WHY IS OHIO WEATHER SO WEIRD

WHY AREN'T THERE DINOSAUR GHOSTS
WHY IS EARTH TILTED
WHY IS SPACE BLACK
WHY IS OUTER SPACE SO COLD
WHY ARE THERE PYRAMIDS ON THE MOON
WHY IS NASA SHUTTING DOWN

WHY ARE THERE GHOSTS
WHY IS THERE AN OWL IN MY BACKYARD
WHY IS THERE AN OWL OUTSIDE MY WINDOW
WHY IS THERE AN OWL ON THE DOLLAR BILL
WHY DO OWLS ATTACK PEOPLE
WHY ARE AK 47s SO EXPENSIVE
WHY ARE THERE HELICOPTERS CIRCLING MY HOUSE
WHY ARE THERE GODS
WHY ARE THERE TWO SPOCKS
WHY ARE MY BOOBS ITCHY
WHY ARE CIGARETTES LEGAL
WHY ARE THERE DUCKS IN MY POOL
WHY IS JESUS WHITE
WHY IS THERE LIQUID IN MY EAR
WHY DO Q TIPS FEEL GOOD
WHY DO GOOD PEOPLE DIE

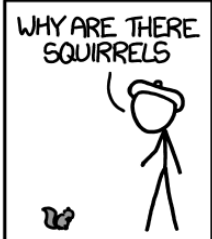
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WHY IS THERE NO KING IN ENGLAND
WHY AREN'T THERE GUNS IN HARRY POTTER
WHY ARE ULTRASOUNDS IMPORTANT
WHY ARE ULTRASOUND MACHINES EXPENSIVE
WHY IS STEALING WRONG
WHY AREN'T THERE ANY FOREIGN MILITARY BASES IN AMERICA

WHY ARE THERE MALE AND FEMALE BIKES
WHY ARE THERE BRIDESMAIDS
WHY DO DYING PEOPLE REACH UP
WHY AREN'T THERE VAGROSE ARTERIES
WHY ARE OLD KLINGONS DIFFERENT

WHY ARE THERE TINY SPIDERS IN MY HOUSE
WHY DO SPIDERS COME INSIDE
WHY ARE THERE HUGE SPIDERS IN MY HOUSE
WHY ARE THERE LOTS OF SPIDERS IN MY HOUSE
WHY ARE THERE SPIDERS IN MY ROOM
WHY ARE THERE SO MANY SPIDERS IN MY ROOM
WHY DO SPIDER BITES ITCH
WHY IS DYING SO SCARY
WHY IS THERE NO GPS IN LAPTOPS
WHY DO KNEES CLICK
WHY AREN'T THERE E GRADES
WHY IS ISOLATION BAD
WHY DO BOYS LIKE ME
WHY DON'T BOYS LIKE ME
WHY IS THERE ALWAYS A JAVA UPDATE
WHY ARE THERE RED DOTS ON MY THIGHS
WHY IS LYING GOOD

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WHY IS PROGRAMMING SO HARD
WHY IS THERE A 0 OHM RESISTOR
WHY DO AMERICANS HATE SOCCER
WHY DO RHYMES SOUND GOOD
WHY DO TREES DIE
WHY IS THERE NO SOUND ON CNN
WHY AREN'T POKEMON REAL
WHY AREN'T BULLETS SHARP
WHY DO DREAMS SEEM SO REAL

WHY IS GPS FREE
WHY IS SEX SO IMPORTANT
WHY AREN'T THERE GUNS IN HARRY POTTER
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