Robert Wilson BJC/55

1. **CHRONOLOGY/CASE ABSTRACT.** (The numbers in brackets refer to the page of evidence).

1.1. Robert Wilson a 74 year old gentleman in 1998 attended Queen Alexandra Hospital, Portsmouth A&E Department on the 21st September 1998 (125-127) with a fracture of the left femoral head and tuberosity (169).

1.2. Mr Wilson had suffered many years before with Malaria and Diphtheria (143) but was first noticed to be abusing alcohol at the time of an endoscopy in 1994 (313). In 1997 he was admitted to hospital with a fall, epigastric pain and was found to have evidence of severe alcoholic liver disease (129). During the 1997 admission, an ultra sound showed a small bright liver compatible with cirrhosis and moderate ascites (129). His Albumin was very low at 19 (150) and a bilirubin was 48 (129). All these are markers of serious alcoholic liver disease with a poor long term prognosis. His weight was 100 kgs (152). There is no record of follow up attendance.

1.3. When he attends A&E it is originally intended to offer him an operation on his arm, which he refuses. However, he is kept in A&E overnight for observation (161-2). It becomes apparent by the next day that he is not well, is vomiting (163) and he is needing Morphine for pain (11). His wife is on holiday (11) and it is not thought possible for him to go home so he is transferred on 22nd September to the Care of the Elderly team at the Queen Alexandra Hospital (163).

1.4. The day after admission he is no longer thought fit enough to have an operation on his arm, although he would now be prepared to. He is recognised to have been an extremely heavy drinker with considerable oedema and abdominal distension on admission (167). He has abnormal blood tests on admission including a mild anaemia of 10.5 with a very raised mean cell volume of 113 and his platelet count is reduced at 133 (239). Five days later his haemoglobin has fallen to 9.7 and the platelet count has fallen to 123 (237). There are no further full blood counts in the notes, although his haemoglobin was normal with haemoglobin of 13 in 1997 (241).

1.5. He is noted to have impaired renal function with a Urea of 6.7 and a Creatinine of 185 on admission (209) and on 25th September Urea of 17.8 and a Creatinine of 246 (203). He is started on intravenous fluids on 27th September (12) and his renal function then continues to improve so that by the 7th

October both his Urea and Creatinine are normal at 6.1 and 101 (199).

1.6. His liver function is significantly abnormal on admission and on 29th his albumin is 22, his bilirubin 82 (he would have been clinically jaundice) there is then little change over his admission. On the 7th October is albumin is 23 and his bilirubin also 82 (199). His AST is 66 (171).

1.7. His vomiting within 24 hours of admission may have been due to alcohol withdrawal but he had also been given Morphine for pain (11). He is started on a Chlordiazepoxide regime (11) as standard management plan to try and prevent significant symptoms of alcohol withdrawal. This has some sedative effects as well.

1.8. His physical condition in hospital deteriorates at first. He is noted to have considerable pain for the first 2 – 3 days, he is found to have extremely poor nutritional intake and has eaten little at home (12). His renal function deteriorates as documented above. He is communicating poorly with the nursing staff (28) and is restless at night on 30th September (30). His Barthel deteriorates from 13 on 23rd September to 3 on the 2nd October (69), his continued nutritional problems are documented by the dietician on 2nd October (16). In the nursing cardex he is vomiting, he has variable communication problems, he is irritable and cross on 1st October (30). On 4th October (16) his arm is noted to be markedly swollen and very painful and it is suggested he needs Morphine for pain (31). The following day he knocks his arm and gets a laceration (16).

1.9. There is ongoing communication with his family which is complicated by inter-family relationships between his first wife's family and his current wife. The plan by 6th October is that he will need nursing home care when he leaves hospital and his Barthel at this stage is 5 (16) (69). However on the 5th the nursing cardex note that he is starting to improve (32) although, he remains catheterised and has been faecally incontinent on occasion.

1.10. On 7th October is now more alert and is now telling the staff that he wishes to return home (17). The nursing staff notes that he is now much more adamant in his opinions (33). However on 8th he had refused to wash for 2 days (18). He is then reviewed at the request of the medical staff by a psycho-geriatrician. The opinion is that he has early dementia, which may be alcohol related and depression. He is noted to be difficult to understand with a dysarthria (117-118). He is started on Trazodone as an antidepressant and

as a night sedative, he is still asking for stronger analgesics on 8th October (35). The letter also mentions (429) rather sleepy and withdrawn..... his nights had been disturbed.

1.11. On the 9th October an occupational therapy assessment is difficult because he is reluctant to comply and a debate occurs about whether he is capable of going home (19). By the 12th October (21) his Barthel has improved to 7 (69) so Social Services say that he no longer fits their criteria for a nursing homeand he should now be considered for further rehabilitation (21). The nursing cardex notes that his catheter is out (35) he is eating better but he still gets bad pain in his left arm (36). His arms, hands and feet are noted to be significantly more swollen on 12th October (36). His weight has now increased from 103 kgs on 27th September to 114 kgs by 14th October (61,63). However his Waterlow score remains at "high risk" for all his admission (71). A decision is made to transfer him for possible further rehabilitation, although the medical review on 13th October states in view of the medical staff and because of his oedematous limbs, he is at high risk of tissue breakdown. He is also noted to be in cardiac failure with low protein and at very high risk of self neglect and injury if he starts to take alcohol again. He currently needs 24 hour hospital care (21).

1.12. On 14th October he is transferred to Dryad Ward and the notes (179) say "for continuing care". The notes document the history of fractured humerus, his alcohol problem, current oedema and heart failure. No examination is documented. The notes state that he needs help with ADL, he is incontinent, Barthel 7, he lives with his wife and is for gentle rehabilitation.

1.13. The next medical notes (179) are on 16th October and state that he had declined overnight with shortness of breath. On examination he is reported to have a weak pulse, unresponsive to spoken orders, oedema plus plus in arms and legs. The diagnosis is "? silent MI, ? liver function" and the treatment is to increase the Frusemide. The nursing cardex for 14th October confirms he was seen by Dr Barton, that Oramorphine 10 mgs was given and he was continent of urine. On 15th October the nursing notes 9265) state commenced Oramorphine 10 mgs 4 hourly for pain in left arm, poor condition is explained to wife. On 16th on the nursing cardex he is "seen by Dr Knapman am as deteriorated overnight, increased Frusemide".

1.14. *(possible confusion with the nursing care plan (278), this states for 15th October, settled and slept well, Oramorphine 20 mgs given 12 midnight with good effect, Oramorphine 10 mgs given 06.00 hours. Condition deteriorated overnight, very chesty and difficulty in swallowing medications. Then on 16th it states has been on syringe driver since 16.30 hours. As will be seen from the analysis of the drug chart, Mr Wilson received the Oramorph at midnight on 15th and then 06.00 hours Oramorph on 16th.* The first clinical deterioration is on the night of 15th – 16th October not the night of the 14th – 15th October.

1.15. The next medical note is on 19th October which notes that he had been comfortable at night with rapid deterioration (179) and death is later recorded at 23.40 hours and certified by Staff Nurse Collins. The nursing cardex mentions a bubbly chest late pm on 16th October (265). On the 17th Hyoscine is increased because of the increasing oropharyngeal secretions (265). Copious amounts of fluid are being suctioned on 17th. He further deteriorates on 18th and he continues to require regular suction (266). The higher dose of Diamorphine on the 18th and Midazolam is recorded in the nursing cardex (266).

1.16. Two Drug Charts: The first is the Queen Alexandra drug chart (106-116). This records the regular laxatives, vitamins and diuretics given for his liver disease. The reducing dose of Chlordiazepoxide stops on 30th September for his alcohol withdrawal and the Trazodone started for his mild depression and night sedation. In terms of pain management Morphine, slow IV or subcutaneous 2.5 – 5 mgs written up on the prn side and 5 mgs given on 23rd September and 2.5 mgs twice on 24th September. Morphine is also written up IM 2 – 5 mgs on 3rd October and he receives 2.5 mgs on 3rd and 2.5 mgs on 5th. He is also written up for prn Codeine Phosphate and receives single doses often at night up until 13th October but never needing more than 1 dose a day after 25th September. Regular Co-dydramol starts on 25th September until 30th September when it is replaced by 4 times a day regular Paracetamol which continues until his transfer.

In summary, his pain relief for the last week in the Queen Alexandra is 4 times a day Paracetamol and occasional night time dose of Codeine Phosphate.

1.17. The second drug chart is the drug chart of the Gosport War Memorial Hospital (258-263). His diuretics, anti-depressant, vitamins and laxatives are all prescribed regularily. The regular Paracetamol is not prescribed but is written up on the as required (prn) after the drug chart. This is never given.

Regular prescriptions also contains Oramorphine 10 mgs in 5 mls to be given 10 mgs 4 hourly, starting on 15th October (261). 10 mgs is given at 10 am, 2pm and 6 pm on 15th, 6am, 10 am and 2 pm on 16th. A further dose of 20 mgs at night given at 10 pm is given at 10 pm on 15th October. Although these prescriptions are dated 15th October it is not clear if they were written up on the 14th or 15th.

1.18. On a further sheet of this drug chart (262) regular prescription has been crossed out and prn written instead. Oramorphine, 10 mgs in 5 mls, 2.5 – 5 mls 4 hourly is then prescribed on this sheet. It is not dated but it would appear 10 mgs is given at 2.45 on 14th October and 10 mgs at midnight on 14th October. Further down this page Diamorphine 20 – 200 mgs subcut in 24 hours from Hyoscine 200 – 800 micrograms subcut in 24 hours, Midazolam 20 – 80 mgs subcut in 24 hours are all prescribed. It is not clear what date these were written up. The first prescription is 16th October and the 20mls of Diamorphine with 400 micrograms of Hyoscine are started at 16.10. On 17th October, 20 mgs of Diamorphine, 600 micrograms of Hyoscine are started at 5.15 and the notes suggest that what was left in the syringe driver at that stage was destroyed (262). At 15.50 hours on 17th October, 40 mgs, 800 mgs of Hyoscine and 20 mgs of Midazolam are started and on 18th 60 mgs of Diamorphine, 1200 micrograms of Hyoscine (a new prescription has been written for the Hyoscine) and 40 mgs of Midazolam are started in the syringe driver at 14.50 and again the notes suggest the remainder that was previously in the syringe driver is destroyed.