

Developing a Process to Streamline and Speed Up the **Initiation of Disease Modifying Treatments**

Melanie Russell^{1,2}, Sally Fox², Louise Pawson¹, Liz Watson², Cord Spilker² & Helen Ford¹

¹Leeds Teaching Hospitals NHS Trust and ²Bradford Teaching Hospitals NHS Foundation Trust



Do you wake up in the middle of the night screaming?



Did we do the prescription for DMF for Jo?

Is Delia waiting for an injector education session? Has Megan been booked into the day case unit yet?

If so, here's the answer!

- A spreadsheet that breaks down the initiation process into five easy-to-manage stages
- Co-ordinator to update regularly and meet with team to discuss starters/switchers and stoppers to identify what needs to be done, when and by whom
- Keep this spreadsheet on a shared drive so it's accessible to the whole team
- Allows team to act proactively thus minimising delay in starting treatment
- Reduces phone call and e-mail traffic

Pending investigations

| | А | В | С | D | E | F | G | Н |
|----|-----------|--------------|-------|------------------------|---------|--------------|--------------------|--|
| 1 | first r 💌 | nhs no 💦 💌 | con 💌 | status 💌 | drug 🗾 | review dat 🖵 | outstanding invs 💌 | comments |
| 2 | JG | xxx xxx xxxx | MV | PENDING INVESTIGATIONS | | 22/08/2018 | BLOODS | LYMPHOPENIA - STOPPED PLEGRIDY 22/10 RE |
| 3 | DP | xxx xxx xxxx | MV | PENDING INVESTIGATIONS | | 29/08/2018 | MRI | MRI DONE 12/10 |
| 4 | JF | xxx xxx xxxx | HF | PENDING INVESTIGATIONS | | 05/09/2018 | MRI | MRI - ?POSS SWITCH FINGO TO OCRELIZUMA |
| 5 | BK | xxx xxx xxxx | MV | PENDING INVESTIGATIONS | | 12/09/2018 | MRI | MRI - REVIEW AFTER ?ESCALATE TO LEMTRAD |
| 6 | SJ | xxx xxx xxxx | MV | PENDING INVESTIGATIONS | | 19/09/2018 | MRI | MRI DONE 10/10, RESULT AVAILABLE; APPT M |
| 7 | AC | xxx xxx xxxx | HF | PENDING INVESTIGATIONS | GILENYA | 26/09/2018 | BLOODS | LOU SENT FORMS FOR VZV 26/9 |
| 8 | GS | xxx xxx xxxx | OL | PENDING INVESTIGATIONS | | 26/09/2018 | MRI | MRI - HARROGATE ?RELAPSE ON TYSABRI - ?S |
| 9 | HR | xxx xxx xxxx | MV | PENDING INVESTIGATIONS | | 03/10/2018 | MRI | MRI ?ESCALATE |
| 10 | DK | xxx xxx xxxx | OL | PENDING INVESTIGATIONS | | 03/10/2018 | MRI | MRI - ?POSS COPAXONE |
| 11 | | | | | | | | |
| 10 | | | | | | | | |

Pending treatment decision

| \mathbf{A} | А | В | C | D | E | F | G |
|--------------|--------------|------------|---------|----------------------------|--------------|---------------|---|
| 1 | first name 💌 | nhs no | 💌 con 🖪 | 🖌 status 📃 💌 | review dat 💌 | days waitir 💌 | comments |
| 2 | MP | xxx xxx xx | XX OL | PENDING TREATMENT DECISION | 25/07/2018 | 86 | WANTS TO CONCEIVE IN NEAR FUTURE; NURSES TO P |
| - | | | | | 05/07/0040 | | |

| AI | *** | IVIV | PENDING TREATMENT DECISION | 25/07/2018 | 80 | APPT LOU //11 TO DISCUSS DIVITS |
|----|----------------------------|--|--|--|---|--|
| SD | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 15/08/2018 | 65 | POSS RELAPSE 03/18 - MRI - ?ESCALATE; MRI DONE 5/ |
| EC | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 15/08/2018 | 65 | POSS RELAPSE 03/18 - MRI - ?ESCALATE; MRI DONE 8/ |
| MS | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 26/09/2018 | 23 | |
| D | xxx xxx xxxx | OL | PENDING TREATMENT DECISION | 26/09/2018 | 23 | |
| GS | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 26/09/2018 | 23 | MRI DUE 6/9; SAW MV 26/9 - ?DMF |
| MP | xxx xxx xxxx | OL | PENDING TREATMENT DECISION | 03/10/2018 | 16 | |
| SP | xxx xxx xxxx | HF | PENDING TREATMENT DECISION | 03/10/2018 | 16 | ESCALATE - FINGO; TYSABRI; OCRELIZUMAB; LEMTRAE |
| JA | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 03/10/2018 | 16 | |
| CQ | xxx xxx xxxx | HF | PENDING TREATMENT DECISION | 10/10/2018 | 9 | ?SWITCH TO DMF? SEEING LOU CLINIC 7/11 |
| JE | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 10/10/2018 | 9 | WANTS CLADRIBINE? - APPT MV 24/10 |
| EM | xxx xxx xxxx | OL | PENDING TREATMENT DECISION | 17/10/2018 | 2 | BREASTFEEDING - REVIEW IN DECEMBER |
| AC | xxx xxx xxxx | MV | PENDING TREATMENT DECISION | 17/10/2018 | 2 | POSS 2 RELAPSES- MRI DONE 22/4; ESCALATE FINGO |
| | SD EC MS JD GS | SDXXX XXX XXXECXXX XXX XXXMSXXX XXX XXXJDXXX XXX XXXGSXXX XXX XXXMPXXX XXX XXXSPXXX XXX XXXXJAXXX XXX XXXXCQXXX XXX XXXXJEXXX XXX XXXXEMXXX XXX XXXX | SDXXX XXX XXXXMVECXXX XXX XXXXMVMSXXX XXX XXXXMVJDXXX XXX XXXXOLGSXXX XXX XXXXMVMPXXX XXX XXXXOLSPXXX XXX XXXXHFJAXXX XXX XXXXMVCQXXX XXX XXXXHFJEXXX XXX XXXXMVEMXXX XXX XXXXOL | SDXXX XXX XXXMVPENDING TREATMENT DECISIONECXXX XXX XXXMVPENDING TREATMENT DECISIONMSXXX XXX XXXMVPENDING TREATMENT DECISIONJDXXX XXX XXXOLPENDING TREATMENT DECISIONGSXXX XXX XXXXMVPENDING TREATMENT DECISIONMPXXX XXX XXXXOLPENDING TREATMENT DECISIONSPXXX XXX XXXXMVPENDING TREATMENT DECISIONJAXXX XXX XXXXMVPENDING TREATMENT DECISIONCQXXX XXX XXXXHFPENDING TREATMENT DECISIONJEXXX XXX XXXXMVPENDING TREATMENT DECISIONEMXXX XXX XXXXOLPENDING TREATMENT DECISION | SDXXX XXX XXXMVPENDING TREATMENT DECISION15/08/2018ECXXX XXX XXXMVPENDING TREATMENT DECISION15/08/2018MSXXX XXX XXXMVPENDING TREATMENT DECISION26/09/2018JDXXX XXX XXXOLPENDING TREATMENT DECISION26/09/2018GSXXX XXX XXXMVPENDING TREATMENT DECISION26/09/2018MPXXX XXX XXXOLPENDING TREATMENT DECISION03/10/2018SPXXX XXX XXXNVPENDING TREATMENT DECISION03/10/2018JAXXX XXX XXXMVPENDING TREATMENT DECISION03/10/2018CQXXX XXX XXXHFPENDING TREATMENT DECISION10/10/2018JEXXX XXX XXXMVPENDING TREATMENT DECISION10/10/2018EMXXX XXX XXXOLPENDING TREATMENT DECISION10/10/2018 | SDXXX XXX XXXMVPENDING TREATMENT DECISION15/08/201865ECXXX XXX XXXMVPENDING TREATMENT DECISION15/08/201865MSXXX XXX XXXMVPENDING TREATMENT DECISION26/09/201823JDXXX XXX XXXOLPENDING TREATMENT DECISION26/09/201823GSXXX XXX XXXNVPENDING TREATMENT DECISION26/09/201823MPXXX XXX XXXOLPENDING TREATMENT DECISION03/10/201816SPXXX XXX XXXNVPENDING TREATMENT DECISION03/10/201816JAXXX XXX XXXMVPENDING TREATMENT DECISION03/10/201816CQXXX XXX XXXMVPENDING TREATMENT DECISION10/10/20189JEXXX XXX XXXOLPENDING TREATMENT DECISION10/10/20189EMXXX XXX XXXOLPENDING TREATMENT DECISION17/10/20182 |

Pending delivery

| A | B | C | D | E | F | G | Н | |
|--------------|--------------|---------|------------------|-----------|---------------|-----------------|----------------|--|
| first name 💌 | nhs no | 💌 con 💌 | status 💌 | drug 🗾 💌 | review date 💌 | script signed 💌 | days waiting 💌 | comments 🗾 |
| AA | xxx xxx xxxx | OL | PENDING DELIVERY | TECFIDERA | 19/09/2018 | 02/10/2018 | 27 | |
| BB | xxx xxx xxxx | OL | PENDING DELIVERY | COPAXONE | 29/08/2018 | 04/10/2018 | 25 | SINGLE ATTACK - AVONEX; REBIF; COPAXONE |
| CC | xxx xxx xxxx | HF | PENDING DELIVERY | TECFIDERA | 03/10/2018 | 08/10/2018 | 21 | RAISED ALT- REPEAT; STILL HIGH - PASSED TO HF 14/6; SEEING HF 3/10 |
| DD | xxx xxx xxxx | MV | PENDING DELIVERY | AUBAGIO | 03/10/2018 | 09/10/2018 | 20 | |
| EE | xxx xxx xxxx | OL | PENDING DELIVERY | TECFIDERA | 26/09/2018 | 16/10/2018 | 13 | |
| FF | xxx xxx xxxx | MV | PENDING DELIVERY | AUBAGIO | 12/09/2018 | 18/10/2018 | 11 | |
| GG | xxx xxx xxxx | MV | PENDING DELIVERY | TECFIDERA | 29/08/2018 | 18/10/2018 | 11 | |
| нн | xxx xxx xxxx | OL | PENDING DELIVERY | COPAXONE | 25/07/2018 | 25/10/2018 | 4 | WANTS TO CONCEIVE IN NEAR FUTURE; NURSES TO PHONE 23/10 |

Pending IP/DCU admission

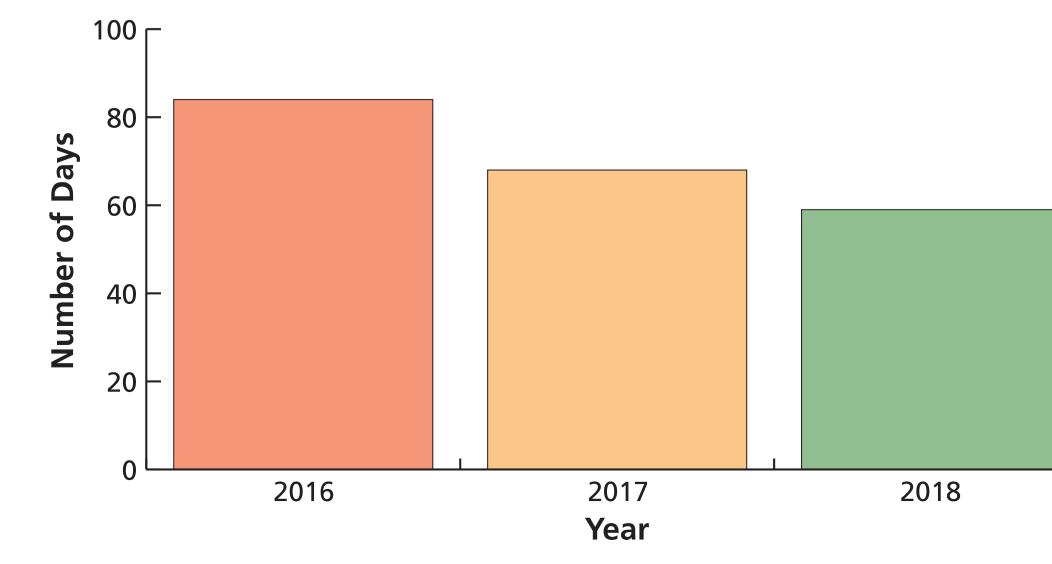
| | А | В | С | D | E | F | G |
|---|--------------|--------------|-------|--------------------------|----------|--------------|--|
| 1 | first name 🔽 | nhs no 👘 💌 | con 💌 | status 💌 | drug 🗾 💌 | IP/DCU dat 💌 | comments |
| 2 | CM | xxx xxx xxxx | OL | PENDING IP/DCU ADMISSION | LEMTRADA | | SECOND CYCLE - TO COME IN OCT 2018 |
| 3 | TS | xxx xxx xxxx | MV | PENDING IP/DCU ADMISSION | LEMTRADA | 15/10/2018 | WANTS LEMTRADA- WANTS TO START OCT 2018- HOLID |
| 4 | SA | xxx xxx xxxx | HF | PENDING IP/DCU ADMISSION | GILENYA | 01/11/2018 | JULIE TO ORGANISE VZV - DONE |
| 5 | AG | xxx xxx xxxx | OL | PENDING IP/DCU ADMISSION | GILENYA | 01/11/2018 | |
| 6 | EL | xxx xxx xxxx | HF | PENDING IP/DCU ADMISSION | LEMTRADA | 30/01/2019 | SECOND INFUSION LEMTRADA - 30/1/19 |
| 7 | | | | | | | |

Pending start date

| 1 | A | В | C | D | ELForn | F | G | |
|---|--------------|-------------|---------|--------------------|-----------|------------------|-----------------------|--|
| 1 | first name 💌 | nhs no | 💌 con 💌 | status 💌 | drug 💌 💌 | FIRST DELIVERY 💌 | days since delivery 💌 | comments |
| 2 | MR | xxx xxx xxx | x HF | PENDING START DATE | TECFIDERA | 02/10/2018 | 17 | START DMF AFTER HOLS FIRST WEEK NOV |
| 3 | VM | xxx xxx xxx | X OL | PENDING START DATE | TECFIDERA | 17/10/2018 | 2 | STARTING AT WEEKEND ?20/10 |
| 4 | MS | xxx xxx xxx | x MV | PENDING START DATE | PLEGRIDY | 12/10/2018 | 7 | SWITCH TO PLEGRIDY - JULIE TRAINING 22/: |

Does it work?

Days waiting from DMT eligibility assessment to treatment initiation



Yes, an audit of treatment naïve patients showed reduction of 30% in waiting time from eligibility assessment to start date from 2016-2018.

