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| **Case summary** |
| **Background (Age, Sex, Occupation, baseline function)** |
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| **History of presentation/ reason for review** |
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| **Current Medical History and Relevant Co Morbidities** |
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| **Current Medication and drug allergies (include OTC preparation and Herbal remedies)** |
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| **Lifestyle and Current Function (inc. Frailty score for >65yrs) alcohol/ smoking/ diet/ exercise** |
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| **“What matters to me” (Patient Ideas, Concerns and Expectations of treatment)** |
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| **Results e.g biochemistry, other relevant investigations or monitoring** |
|  |
| **Most recent relevant consultations** |
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**Polypharmacy case study template (Please complete pages 1-3)**

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| --- | --- | --- | --- | --- |
| **Domain** | **Steps** | | **Process** | **Patient specific issues to address (please complete)** |
| **Aims** | **1.** | What matters to the patient  problems | **Review diagnoses and identify therapeutic objectives with respect to:**   * Identify objectives of drug therapy * Management of existing health problems. Prevention of future health concerns | **Agreed Plan** |
|  |
| **Need** | **2.** | Identify essential drug therapy | **Identify essential drugs (not to be stopped without specialist advice)**   * Drugs that have essential replacement functions (e.g. thyroxine) * Drugs to prevent rapid symptomatic decline (e.g. drugs for Parkinson’s disease, heart failure) | **Agreed Plan** |
| **3.** | Does the patient take unnecessary drug therapy? | **Identify and review the (continued) need for drugs**   * What is medication for? * with temporary indications * with higher than usual maintenance doses * with limited benefit/evidence of its use in general * with limited benefit in the patient under review [(see Drug efficacy & applicability (NNT) table)](#NNTTable) | **Agreed Plan** |
| **Effectiveness** | **4.** | Are therapeutic objectives being achieved? | **Identify the need for adding/intensifying drug therapy in order to achieve therapeutic objectives**   * to achieve symptom control * to achieve biochemical/clinical targets * to prevent disease progression/exacerbation * is there a more appropriate medication that would help achieve goals | **Agreed Plan** |
| **Safety** | **5 .** | Does the patient have ADR/ Side effects or is at risk of ADRs/ side effects?  Does the patient know what to do if they’re ill? | **Identify patient safety risks by checking for**   * if the targets set for the individual appropriate ? * drug-disease interactions * drug-drug interactions (see [ADR table](#ADRTable)) * monitoring mechanisms for high-risk drugs * [risk of accidental overdosing](https://yellowcard.mhra.gov.uk/)     **Identify adverse drug effects by checking for**   * specific symptoms/laboratory markers (e.g. hypokalaemia) * cumulative adverse drug effects (see [ADR table](#ADRTable)) * drugs that may be used to treat side effects caused by other drugs   **Sick Day rule cards** |  |
| ***Agreed Plan*** |
| **Cost-effectiveness** | **6.** | Is drug therapy cost-effective? | **Identify unnecessarily costly drug therapy by**   * Consider more cost-effective alternatives (but balance against effectiveness, safety, convenience) | **Agreed Plan** |
| **Patient centeredness** | **7.** | Is the patient willing and able to take drug therapy as intended? | **Does the patient understand the outcomes of the review?**   * Consider Teach back   **Ensure drug therapy changes are tailored to patient preferences by**   * Is the medication in a form the patient can take? * Is the dosing schedule convenient? * Consider what assistance the patient might have and when this is available * Is the patient able to take medicines as intended   **Agree and communicate plan**   * Discuss with the patient/carer/welfare proxy   therapeutic objectives and treatment priorities   * Decide with the patient/ carer/ welfare proxies what medicines have an effect of sufficient magnitude to consider continuation or discontinuation * Inform relevant healthcare and social care carers, changes in treatments across the care interfaces | **Agreed plan** |
|  |  |  |  |  |
| **Key Concepts in this case**   * (Please summarize key points here) | | | | |