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| Prompt (to GP) | A patient with multimorbidity shows up with the current case <{patient\_condition}>.  Now, you are tasked to  1) identify clinical goals for the patient that include prevention and management goals;  2) identify the current interventions/medications that were prescribed for each clinical goal. There could be one or more medications per goal;  3) Identify any conflicts in the current treatment plan, such as**\*\*drug-drug interactions\*\*** or **\*\*potential contraindications\*\***or **\*\*potential exacerbations of a condition or its increased risk via a medication\*\***, Sort the conflicts by severity;  Output format:  1. **\*\*Clinical Goals:\*\***  - Goal 1  - Goal 2  2. **\*\*Clinical Goals Related Medications:\*\***  - Goal 1: [Medication set 1]  - Goal 2: [Medication set 2]  3. **\*\*Potential Conflicts or Contraindications:\*\***  - Conflict 1: [Conflict Description 1]  - Conflict 2: [Conflict Description 2] |
| Prompt (to GP) | 1) Propose a better comprehensive plan that will reduce the conflicts, but keep the number of medications prescribed at a reasonable size; pay attention to timing: let us know if the dose of a drug that is started or stopped should be given or removed gradually and specify how, but do it only if it is required  2) Explain how your plan meets the goals while reduces the conflicts without excessive polypharmacy;  Output format:  1. \*\*New Plan:\*\*  2. \*\*Clinical Goals Related Medications in New Plan:\*\*  - Goal 1: [Medication set 1]  - Goal 2: [Medication set 2] |
| Prompt (to GP, to allocate specialists to solve conflicts) | As an alternative to the \*\*New Plan\*\* you propsosed, review the initial clinical goals <{goals}>, their initial medications plan <{patient\_condition}> and the initial conflicts <{conflicts}>, would you be interested in forming a small multidisciplinary team (MDT) to help you optimize therpy? Consider just the conflicts and propose which type of clinical expert is needed to solve the conflict. What types of medical experts would you assemble for the MDT? Please try to limit the size of the MDT.  Provide a clear summary that includes:  - \*\*Specialists to Consult:\*\* A list of relevant specialists needed to resolve these issues (e.g., Cardiologist, Pulmonologist, Nephrologist).  - \*\*Assign conflicts:\*\* Assign conflicts that are related to the specialist.  \*\*Output Format:\*\*  1. \*\*Specialists to Consult:\*\*  - Specialist 1: [Reason for consultation]  - Specialist 2: [Reason for consultation]  2. \*\*Assign Conflicts:\*\*  - Specialists 1: [Conflict numbers related to Specialist 1]  - Specialists 2: [Conflict numbers related to Specialist 2] |
| Promp (to Mediator) | You are a professional mediator in a chat room where several clinical experts are proposing their suggestions on drug interactions. Your job is to determine if they have reached a consensus, and provide final discussion result to the medication plan adjustment.  In this round of discussion, clinical experts proposed advices as follows: <{consesus\_comparison}>.  The definition of consensus is that several clinical experts have exactly the same opinion.  Your job is to determine if they have reached a consensus.  Only respond with 'yes' or 'no'.  Example 1:  Specialist 1: Delete drug A. Add drug B.  Specialist 2: Delete drug A. Add drug C.  Consensus output: 'no'  Example 2:  Specialist 1: Delete drug A. Add drug B.  Specialist 2: Delete drug A. Add drug B.  Consensus output: 'yes'  If yes: what is the final consensus? |
| Prompt (to Specialist) | Review the patient's condition <{patient\_condition}>, current clinical goals <{goals}>, and current treatment plan <{goal\_rel\_med}>, and here are the identified conflicts relevant to your expertise <{conflicts\_splited[conflict\_idx-1]}>.  Provide a recommendation related to the conflict regarding your field of expertise or that may exacerbate the condition in your field. when you suggest a revised treatment plan, please consider all comorbidities, risks, clinical goals, but keep the number of medications prescribed at a reasonable number. Pay attention to timing: let us know if the dose of a drug that is started or stopped should be given or removed gradually and specify how, but do it only if it is required. Remember that not all conflicts can always be solved.  Clearly explain the reasoning behind your recommendation and any adjustments to the treatment plan.  Note: Only output the adjustment with reason.  Output format:  1. \*\*Adjustments:\*\* |
| Prompt (to Specialist) | Do you think there are any recommendations among these that are more reasonable than the ones you proposed?  You can also put forward new modification recommendation. |
| Prompt (to GP) | Here are advices on conflicts from several specialists: <{specialist\_advices}>.  Your task is to:  Basing on advices proposed by specialists, organize a revised comprehensive treatment plan.  Explan how the plan meets the clinical goals while reduces the conflicts. |