

## Supplement S1: Example transcript of a user interaction with ChatClinic

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User: Begin

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Chatbot:

| Gender | Age | Chief Complaint |

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| Female | 57 | Nausea, Vomiting, Diarrhea |

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User: What brings you in today?

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Chatbot: I've been feeling really sick for the last 4 days. I've had constant nausea, vomiting, and diarrhea. I've also had fevers. It's been hard for me to keep anything down and I'm feeling weak and tired.

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User: What health conditions do you have?

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Chatbot: I have Type 2 diabetes, hypertension, chronic kidney disease, and dyslipidemia. I have been managing these conditions with medication.

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User: What medications are you currently taking?

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Chatbot: I'm currently taking metformin for my diabetes, lisinopril for my hypertension, empagliflozin also for my diabetes, and simvastatin for my dyslipidemia. I also take a multivitamin every day.

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User: Did this happen suddenly or was someone around you sick as well?

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 Chatbot: It happened quite suddenly. I remember feeling fine one day and then the next I started feeling these symptoms. No one around me has been sick as far as I know.  
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User: Have you been urinating regularly?  
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Chatbot: No, I've noticed that my urine has been darker than usual and I'm not going as often as I normally do.  
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User: Do you drink alcohol or smoke?  
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Chatbot: No, I don't drink or smoke. I've been trying to live a healthier lifestyle especially with my existing conditions.  
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User: Order: Vitals  
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Chatbot:

Vitals	Value	Reference Range
Temp (°C)	<b>37.9</b>	36.1-37.2
BPM	<b>96</b>	60-100
BP (mmHg)	<b>90/53</b>	90-120/60-80
RR (breaths/min)	<b>22</b>	12-20
SpO2 (%)	98	95-100

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User: Have you ever noticed any blood in your stool?  
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Chatbot: No, I haven't noticed any blood in my stool.  
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User: Order: Serum Creatinine  
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Chatbot:

Test	Value	Reference Range
Serum Creatinine (mg/dL)	**2.9**	0.6-1.2

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User: Order: Past serum creatinine  
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Chatbot:

Test	Value	Reference Range
Past Serum Creatinine (mg/dL)	**1.8**	0.6-1.2

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User: I diagnose this as prerenal AKI, and this will be treated with IV fluids, stop lisinopril and treat underlying issue  
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Chatbot:

Correct Diagnosis	Etiology	First-Line Treatment
Prerenal AKI	Dehydration from acute gastrointestinal illness	IV fluids, discontinue lisinopril, treat underlying issue

Positive Feedback	Constructive Feedback
Accurate diagnosis based on the patient's symptoms, history, and lab results.	Consider asking about recent medication changes or adherence, as these can impact kidney function.

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