

Patient 1: Alice Smith, born on March 22, 1975, with medical record number 10001, has a past history of hypertension and hyperlipidemia and underwent a cholecystectomy in 2010. She presented with abdominal pain for two days. She was diagnosed with gastroenteritis and prescribed Ondansetron, with a follow-up scheduled in five days. Her complete blood count was 13.0 g/dL, glucose 102 mg/dL, and creatinine 1.0 mg/dL as of September 15, 2023. She takes Metformin 500 mg twice daily and Lisinopril 10 mg once daily. She is allergic to penicillin and NSAIDs. Her vitals on presentation were 135/85 mmHg blood pressure, pulse 78 bpm, and temperature 99.0°F.

Patient 2: Bob Johnson, born on July 11, 1982, medical record number 10002, has a history of asthma with no prior surgeries. He reported shortness of breath for a week. Diagnosed with an asthma exacerbation, he was prescribed an Albuterol inhaler as needed and asked to follow up in a week. His lab results included a hemoglobin of 14.2 g/dL, glucose 90 mg/dL, and creatinine 0.8 mg/dL. He has a sulfonamide allergy, and his vitals were 128/82 mmHg, pulse 88 bpm, and temperature 98.4°F.

Patient 3: Carol Williams, born December 5, 1969, medical record number 10003, has diabetes and osteoarthritis, and underwent a knee replacement in 2015. She complained of knee pain for two weeks and was diagnosed with an osteoarthritis flare. Ibuprofen was prescribed, with follow-up in two weeks. Her labs showed hemoglobin 12.8 g/dL, glucose 110 mg/dL, and creatinine 0.9 mg/dL. She takes Metformin 500 mg twice daily and has no known allergies. Her blood pressure was 142/88 mmHg, pulse 80 bpm, and temperature 98.7°F.

Patient 4: David Brown, born May 19, 1990, medical record number 10004, has hypertension and underwent a tonsillectomy in 2000. He presented with dizziness for three days and was diagnosed with vertigo. Meclizine was prescribed with a follow-up in a week. His labs revealed hemoglobin 13.5 g/dL, glucose 98 mg/dL, and creatinine 1.0 mg/dL. He takes Lisinopril 10 mg daily and is allergic to penicillin. Vitals were 138/86 mmHg, pulse 82 bpm, and temperature 98.6°F.

Patient 5: Emily Davis, born September 28, 1985, medical record number 10005, has diabetes and hypothyroidism, with a history of C-section in 2012. She reported fatigue for two weeks and was diagnosed with hypothyroidism. Levothyroxine was prescribed, and she was asked to follow up in four weeks. Her hemoglobin was 12.4 g/dL, glucose 95 mg/dL, and creatinine 0.9 mg/dL. She takes Metformin 500 mg twice daily and has a sulfonamide allergy. Her vitals were 130/85 mmHg, pulse 76 bpm, and temperature 98.5°F.

Patient 6: Frank Miller, born January 17, 1978, medical record number 10006, has hypertension and hyperlipidemia, and underwent hernia repair in 2008. He presented with chest discomfort for one day and was diagnosed with angina. Nitroglycerin was prescribed as needed, with a follow-up in one week. Labs included hemoglobin 13.2 g/dL, glucose 100 mg/dL, and creatinine 1.1 mg/dL. His medications are Lisinopril 10 mg daily and Atorvastatin 20 mg nightly. He is allergic to penicillin, and his vitals were 145/90 mmHg, pulse 84 bpm, and temperature 98.6°F.

Patient 7: Grace Wilson, born November 2, 1992, medical record number 10007, has asthma with no prior surgeries. She complained of a cough for a week and was diagnosed with acute bronchitis. Azithromycin was prescribed, and follow-up was scheduled in one week. Labs revealed hemoglobin 12.6 g/dL, glucose 92 mg/dL, and creatinine 0.9 mg/dL. She uses an Albuterol inhaler as needed and has no known allergies. Her vitals were 120/80 mmHg, pulse 86 bpm, and temperature 99.1°F.

Patient 8: Henry Moore, born June 14, 1980, medical record number 10008, has diabetes and had an appendectomy in 2005. He reported headaches for three days and was diagnosed with migraine. Sumatriptan was prescribed with a one-week follow-up. His hemoglobin was 12.5 g/dL, glucose 95 mg/dL, and creatinine 0.9 mg/dL. He takes Metformin 500 mg twice daily and is allergic to penicillin and sulfonamides. Vitals were 140/90 mmHg, pulse 84 bpm, and temperature 98.6°F.

Patient 9: Irene Taylor, born February 20, 1973, medical record number 10009, has hypertension and underwent a hysterectomy in 2011. She

presented with leg swelling for a week and was diagnosed with edema. Furosemide was prescribed with follow-up in one week. Labs showed hemoglobin 13.1 g/dL, glucose 98 mg/dL, and creatinine 1.0 mg/dL. She takes Lisinopril 10 mg daily and has no allergies. Her vitals were 150/92 mmHg, pulse 78 bpm, and temperature 98.5°F.

Patient 10: Jack Anderson, born August 8, 1988, medical record number 10010, has obesity and diabetes. He presented with increased thirst for two weeks and was diagnosed with type 2 diabetes. Metformin dose was adjusted, and follow-up was scheduled in two weeks. Labs revealed hemoglobin 12.9 g/dL, glucose 115 mg/dL, and creatinine 0.9 mg/dL. He takes Metformin 500 mg twice daily and is allergic to sulfonamides. Vitals were 135/88 mmHg, pulse 80 bpm, and temperature 98.7°F.

Patient 11: Laura Scott, born April 10, 1976, medical record number 10011, has hypertension and hypothyroidism with no prior surgeries. She complained of headaches for three days and was diagnosed with migraine. Sumatriptan was prescribed, with a follow-up in one week. Her labs showed hemoglobin 12.7 g/dL, glucose 100 mg/dL, and creatinine 0.9 mg/dL. She takes Lisinopril and Levothyroxine daily. She is allergic to penicillin. Vitals were 138/86 mmHg, pulse 82 bpm, and temperature 98.6°F.

Patient 12: Michael Adams, born December 1, 1981, medical record number 10012, has asthma and no surgical history. He presented with shortness of breath for two days and was diagnosed with asthma exacerbation. He was prescribed an Albuterol inhaler and follow-up in a week. Labs: hemoglobin 13.4 g/dL, glucose 95 mg/dL, creatinine 0.9 mg/dL. He has no allergies. Vitals: 125/80 mmHg, pulse 88 bpm, temperature 98.5°F.

Patient 13: Nancy Harris, born June 25, 1974, medical record number 10013, has diabetes and underwent appendectomy in 2003. She complained of fatigue and dizziness for a week and was diagnosed with type 2 diabetes flare. Metformin dose was adjusted, with follow-up in one week. Labs: hemoglobin 12.6 g/dL, glucose 110 mg/dL, creatinine 0.9

mg/dL. Allergic to sulfonamides. Vitals: 132/86 mmHg, pulse 78 bpm, temperature 98.6°F.

Patient 14: Oliver White, born October 3, 1987, medical record number 10014, has hypertension and hyperlipidemia with no surgeries. He presented with chest tightness for one day and was diagnosed with angina. Nitroglycerin was prescribed as needed, follow-up in one week. Labs: hemoglobin 13.3 g/dL, glucose 99 mg/dL, creatinine 1.0 mg/dL. He takes Lisinopril and Atorvastatin. Allergic to penicillin. Vitals: 140/88 mmHg, pulse 84 bpm, temperature 98.6°F.

Patient 15: Patricia King, born May 18, 1979, medical record number 10015, has osteoarthritis and diabetes, and underwent knee replacement in 2014. She presented with knee pain for two weeks. Ibuprofen was prescribed, follow-up in two weeks. Labs: hemoglobin 12.8 g/dL, glucose 105 mg/dL, creatinine 0.9 mg/dL. Metformin twice daily, no allergies. Vitals: 138/86 mmHg, pulse 80 bpm, temperature 98.7°F.

Patient 16: Quentin Lee, born January 9, 1990, medical record number 10016, has asthma and no prior surgeries. He complained of cough and fever for three days. Diagnosed with bronchitis, prescribed Azithromycin, follow-up in one week. Labs: hemoglobin 12.7 g/dL, glucose 93 mg/dL, creatinine 0.9 mg/dL. No allergies. Vitals: 122/80 mmHg, pulse 86 bpm, temperature 99.2°F.

Patient 17: Rachel Turner, born July 30, 1984, medical record number 10017, has diabetes and hypothyroidism with a history of C-section in 2010. She presented with fatigue and weakness for two weeks. Levothyroxine and Metformin were prescribed, follow-up in four weeks. Labs: hemoglobin 12.5 g/dL, glucose 96 mg/dL, creatinine 0.9 mg/dL. Allergic to sulfonamides. Vitals: 130/84 mmHg, pulse 78 bpm, temperature 98.5°F.

Patient 18: Steven Collins, born March 11, 1977, medical record number 10018, has hypertension and underwent hernia repair in 2007. He complained of dizziness and headache for two days. Diagnosed with

vertigo, prescribed Meclizine, follow-up in a week. Labs: hemoglobin 13.2 g/dL, glucose 98 mg/dL, creatinine 1.0 mg/dL. Lisinopril daily, allergic to penicillin. Vitals: 138/88 mmHg, pulse 82 bpm, temperature 98.6°F.

Patient 19: Tina Parker, born November 5, 1983, medical record number 10019, has obesity and diabetes with no prior surgeries. She presented with increased thirst and fatigue for one week. Diagnosed with type 2 diabetes flare, Metformin adjusted, follow-up in two weeks. Labs: hemoglobin 12.9 g/dL, glucose 112 mg/dL, creatinine 0.9 mg/dL. Allergic to sulfonamides. Vitals: 135/86 mmHg, pulse 80 bpm, temperature 98.7°F.

Patient 20: Victor Reed, born September 15, 1981, medical record number 10020, has hypertension and hyperlipidemia and underwent tonsillectomy in 2001. He complained of chest discomfort and dizziness for one day, diagnosed with angina. Nitroglycerin prescribed as needed, follow-up in a week. Labs: hemoglobin 13.3 g/dL, glucose 100 mg/dL, creatinine 1.0 mg/dL. Lisinopril and Atorvastatin daily, allergic to penicillin. Vitals: 142/88 mmHg, pulse 84 bpm, temperature 98.6°F.