A diabetic patient with COVID-19

Case study 3

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First Name		**Profession**	
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1. In the diabetic patient, which of the factors listed below may contribute to fluid retention?

- ☐ **A** Pioglitazone
- ☐ **B** High doses of insulin
- ☐ **C** Decreased eGFR
- ☐ **D** Nephrotic-range proteinuria
- ☐ **E** All of the above
- ☐ **F** B, C and D

2. In the patient with diabetes and renal disease, the risk of hyperkalaemia can be lowered best by using which combinations of diuretic?

- ☐ **A** Torasemide plus very low-dose spironolactone
- ☐ **B** Furosemide plus very low-dose spironolactone
- ☐ **C** Torasemide plus high-dose spironolactone
- ☐ **D** Furosemide plus high-dose spironolactone

3. The poorly controlled T2DM patient infected with COVID-19 has a ___% increased risk of dying from COVID-19?

- ☐ **A** 80-120%
- ☐ **B** 100-150%
- ☐ **C** 200-300%
- ☐ **D** 300-400%

4. Which of the oral antidiabetic agents listed below is contraindicated in diabetic patients with mild COVID-19 disease?

- ☐ **A** Metformin
- ☐ **B** DPP-4 inhibitors
- ☐ **C** Thiazolidinediones
- ☐ **D** Sulphonylureas
- ☐ **E** SGLT-2 inhibitors
- ☐ **F** None of the above

5. Which statement is incorrect?

- ☐ **A** There is often a significant escalation in insulin requirements for diabetic patients hospitalised with severe COVID-19 disease
- ☐ **B** In the patient with severe COVID-19, it is recommended that all antidiabetic agents be discontinued
- ☐ **C** Very high glucose levels, even in cases of previously undiagnosed diabetes, correlate significantly with poor COVID-19 disease outcomes

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