



Hyperkalemia

Pseudohyperkalemia

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Result	Action List
Potassium Level 15.5 mmol/L (CRIT)	
Normal Low 3.5 Normal High 5.4	
Date/Time 13 November 2013 2:00 EST	
Contributor System MEDITECH	
Status Auth (Verified)	
Trend	

Pseudohyperkalemia

- ➔ WBC over 100,000
- ➔ Chronic lymphocytic leukemia (CLL)
- ➔ Thrombocytosis over 1,000,000
- ➔ Tourniquets
- ➔ Tube system
- ➔ Cold weather



Hyperkalemia

Consequences

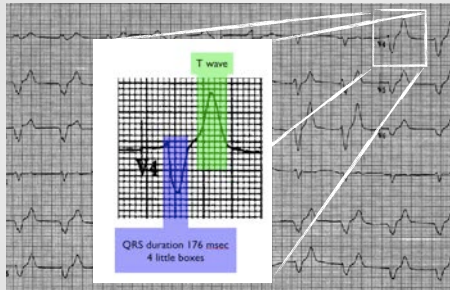
Hyperkalemia: Consequences

Muscle weakness and paralysis

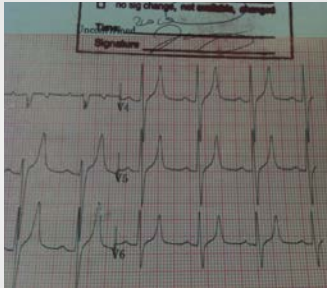
ECG changes and cardiac arrhythmias

Hyperkalemia: Consequences

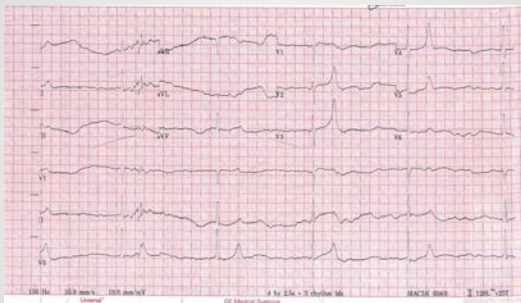
↑ Increasing potassium ↓	Repolarization abnormalities	Peaked T waves
	Paralysis of the atria	P wave flattening
	Conduction abnormalities	Widened QRS Sine wave
	Cardiac arrest	Asystole Ventricular fibrillation Wide complex rhythm



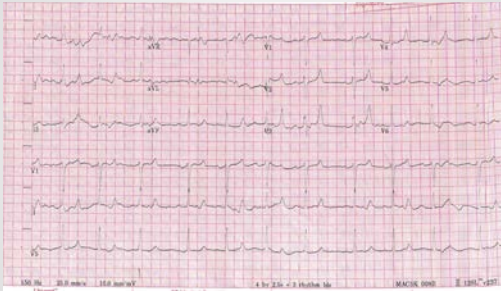
Potassium 9.9 mmol/L



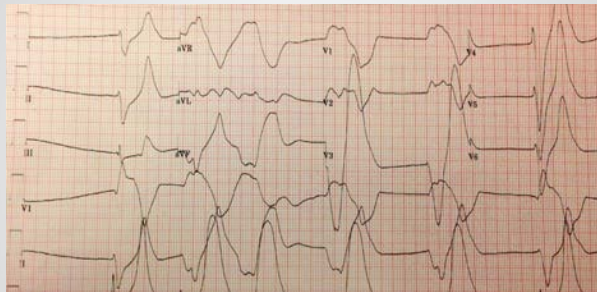
Potassium 8.5 mmol/L due to rhabdomyolysis



Potassium 8.6 due to advanced CKD



Potassium fell to the 5 with medical management



Potassium of 9.9, hemolyzed specimen
