

### EC EMERGENCY MEDICINE AND CRITICAL CARE Mini Review

#### Cardiovascular Emergency, Sign Notices and Significance

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#### **Abstract**

Cardiovascular disease is one of leading episodes admitted to emergency in the clinic. A number of risk factorials can affect the outcomes of diagnosis, pathology, therapeutics and mortality for patients. Key decisive factor for treatment outcomes is a matter of speediness and overall pathological pathways. Timing for the treatment is the top priority for life-saving. This editorial highlights the pathways and importance of early diagnosis for cardiovascular emergency and treatment selection in the clinic.

Keywords: Heart Attack; Brain Stroke; Cardiovascular Diseases; Diagnosis; Emergency Treatment

#### Introduction

#### General information for cardiovascular emergence

Cardiovascular emergence is one of high-risk episodes in the clinic. Cardiovascular diseases account for thirty percent human mortalities worldwide [1-4]. A number risk factorial can affect the quality of diagnosis, pathology, therapeutics and mortality for patients. Corresponding, more efforts should be made in the future.

#### Key for diagnosis and treatment

Key for cardiovascular disease treatment is decided by a matter of speediness and overall pathological pathways. Timing for treatment is the top priority for life-saving. This editorial highlights the importance for disease diagnosis and treatment selection in the clinic.

#### Clinical dilemma

#### **Pathology**

Cardiovascular disease is the top disease killer worldwide caused by unhealthy behaviors (smoke, alcoholic, overeating and lack of suitable sports) and pathology (genetic, hypertension, inflammatory, growth factors, bloodstream dynamics and metabolic diseases) [2,3].

#### **Therapeutics**

Since this type of disease progress is sudden and high-risk, therapeutic speediness is closely associated with human mortality in the clinic [5-10]. However, it is difficult to quickly get pathological information by conventional diagnosis (molecular or image) in a small amount of times.

#### Diagnosis and treatment progress

#### Signs and symptoms

Overall, clinical therapeutic outcomes are decided by a matter of times. As a result, timing is the key issue for therapeutic promoting and life-saving. To do so, signs and symptoms of patients should be emphasized because it needs almost no time at all. Quantifying clinical signs and symptoms may be an useful way to benefiting diagnosis and treatment.

#### **Major symptoms**

To speed up disease diagnosis, following signs and symptoms of patients should be observed:

#### Brain stroke

- Headache
- Inarticulate
- Unconscious
- Limb lifting problems
- Others.

#### Heart attack

- Severe heart pain
- Back pain
- Sweat
- Breath difficult
- Others.

By noticing special signs and symptoms of cardiovascular diseases, advanced diagnosis, surgery, nursery and drug treatment can be performed next [11-16].

#### Discussion

Before instrumental diagnoses, early signs of cardiovascular symptoms should be noticed first. Since the signs and symptoms of cardiovascular emergence is complicate and well informed, it can be used as another indicator for therapeutic selection. More efforts should be emphasized for diagnosis and treatment promotions.

#### **Future Directions**

Generally speaking, people's and doctor's awareness cardiovascular symptoms should be promoted. Following pathways may be compared in the future. They may help treatment outcomes (Figure 1 and 2).

# Sign and symptom notice U Molecular or morphological diagnosis U Therapeutic selection

Figure 1: The convention of present cardiovascular emergency.

## Sign and symptoms ⇔ Molecular and Image ↓ Therapeutic selection

Figure 2: The convention of future cardiovascular emergency.

#### Conclusion

The final therapeutic outcomes depend on the timing and comprehensive of diagnosis. To do such a miracle, experience and speediness of diagnosis and treatment is the top priority. The sign and symptom noticing can promote therapeutic responses and benefiting. Systematic approaches focusing on them are welcome.

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