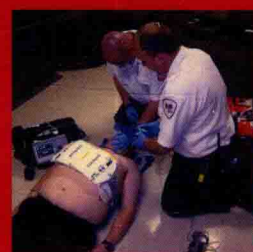
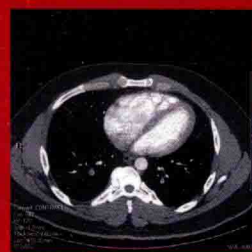


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# 心血管急诊图解

## Atlas of CARDIOVASCULAR EMERGENCIES



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# 心血管急诊图解

## Atlas of Cardiovascular Emergencies

## 注 意

医学是一门不断变化的科学,随着新的研究和临床经验的出现,扩展了我们的知识,治疗策略和药物治疗需要推陈出新。本书的作者和出版商已经检查了资源的可信性,并尽其所能确保信息的完整性,符合出版标准。然而,鉴于人为误差或医学科学变化的可能性,无论是作者、出版商或参与这项工作准备或出版的任何团体,都不能保证本书所有信息都准确或完整,他们不承担因应用本书的内容引起的任何错误或遗漏的责任。我们鼓励读者将本文包含的信息与其他作品进行确认对比。我们特别建议读者检查每种药品外包装上的说明书,确保本书所包含信息的准确性,以及不会产生推荐剂量的误差和应用禁忌。本建议对新药品或很少使用的药品是极其重要的。

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# 译者前言

近年来，我国心血管疾病的患病率持续攀升，患病人数不断增加；心血管疾病已经成为威胁群众健康和生命安全的最主要“杀手”。准确识别、及时救治是挽救患者生命安全的关键环节；临床上，心血管疾病的重要特征之一常常是起病急，病情复杂且来势汹汹；这些状况要求临床医生能够拨开迷雾、迅速做出反应，给予正确、及时的判断和应对措施。为了实现上述目标，医生需具有丰富的临床经验。同时日新月异的辅助检查手段也为临床评估提供了有力的武器。《心血管急诊图解》(*Atlas of Cardiovascular Emergencies*)是由 Cedric Lefebvre、James C. O'Neill、David M. Cline 教授等编写的、旨在提高临床医生急诊诊治技能的书籍；我们之所以选择这部著作翻译给大家，是因为我们认为急诊医师需要这样的训练和水平的提升。本书着眼于心血管急症患者的诊断与治疗，从心血管系统解剖、心肌病、心律失常、儿童心脏病特征等方面阐述了急症的种种表现及特征，并提供了心电图、心血管影像〔超声心动图、计算机化断层显像(CT)、磁共振成像(MRI)]等方面的诊断信息，及器械、操作等紧急救治的相关知识。“一张图片胜过千言万语”，本书主要以大量的图片生动、形象地阐述了心血管急症的相关知识，便于读者正确认识和解析心血管医学图像，为专业医师（包括急诊医师）提供阅读诊断复杂图像的知识；最终目的是提高心血管急、危、重症紧急救治的技能。

所有译者尽最大的努力，力求尊重原著，翻译准确，通俗易懂，但由于能力所限，定会存在错误，期盼读者指出。随着医疗理念、技术的不断更新，本书中的内容不能机械地应用于我们的临床实践，所谓“时移世易”。最后感谢本书的原作者和出版社的编辑们为本书的呈现所付出的诸多努力！

李虹伟

# 原著序言

1911年，一位有影响力的报纸编辑 Arthur Brisbane 写道：“一张图片胜过千言万语”。然而，对于未经过培训的观察者来说，一张医学图像可能价值有限。即使有经验的医生可能也会发现他们缺乏专业技能去阅读复杂的诊断图像。本书的初衷在于使读者能够正确解读心血管医学图像，特别是在急诊情况下的实时图像。

自从 1895 年 Willem Einthoven 发表了第一张代表心脏功能的非绘制图片，已经 119 年了<sup>[1]</sup>。这是一个很简单的单导联心电图，给我们命名了目前我们熟悉的波形：Q、R、S 和 T 波。大约在同一时间，Conrad Roentgen 发现了 X 射线<sup>[2]</sup>，但直到几十年后，这些设备才用于急诊患者。事实上，那时候急救护理是由全科私人医生提供的，并在病史和体格检查的基础上进行诊断。危重患者很少存活足够长的时间，以被机器检查。在过去的 100~120 年中，已经发生了很大的变化。现在心电图、胸部 X 线平片、超声图像、CT 图像、磁共振图像和其他复杂的心血管图像检查，在急诊科的实时诊断中必不可少。

本书旨在提供一本急性心血管疾病诊断和治疗图像判断的简明指南。正如这些患者的管理需要许多专家的意见，包括急救医生、心脏病专家、放射科专家与心血管外科医生，这本书囊括了这些专家的专业知识，他们分别编写章节，审查材料，评价改进或提供经典图像。我们的编写团队非常感谢所有参与本书工作的贡献者。

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1 Einthoven W. "Ueber die Form des menschlichen Electrocardiogramms." *Arch f d Ges Physiol*. 1895; 60: 101-123.

2 Stanton A. Wilhelm Conrad Röntgen On a New Kind of Rays: translation of a paper read before the Würzburg Physical and Medical Society, 1895. *Nature*. 1896; 53 (1369): 274-276.

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# 第一章

# 解剖

## Chapter 1 ANATOMY

