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Nota di contenuto	I. Coronary microcirculation – Theoretical aspects -- 1. Basic concepts of microcirculation -- 2. Coronary microvascular dysfunction in cardiovascular disease: lessons from large animal models -- 3. Dynamic testing of microcirculation -- 4. Study of microcirculation through direct microscopic techniques -- 5. Platelet function and coronary microvascular dysfunction -- 6. Role of perivascular tissue in microvascular dysfunction -- 7. Myocardial infarction with non-obstructive coronary artery disease -- II. Clinical cases -- 8. Role of coronary microcirculation in no-reflow phenomenon in myocardial infarction with ST segment elevation -- 9. Microcirculatory dysfunction in chronic angina -- 10. Vasospastic angina -- 11. Brain microcirculation and silent cerebral damage -- 12. Microcirculation and left ventricular hypertrophy -- 13. Microcirculatory dysfunction in acute heart failure -- 14. Relationship between coronary microcirculation and arrhythmias: a Janus with two faces -- III. Therapeutical considerations -- 15. Treatment of no-reflow phenomenon -- 16. Lipid lowering treatment in microcirculation -- 17. Cell strategies to stimulate angiogenesis/vasculogenesis for improvement of microcirculation.
Sommario/riassunto	This comprehensive reference book of coronary microcirculation broadly covers theoretical aspects, clinical cases and therapeutic considerations from an innovative perspective. Topics covered include:

ischemic heart disease, silent cerebral damage, heart failure, left ventricular hypertrophy arrhythmias, and cerebral and renal microcirculation. *Microcirculation: From Bench to Bedside* underlines the clinical importance of addressing coronary microcirculation with relevant clinical examples that are often encountered by practitioners. It therefore provides a critical resource on microcirculation for both specialist and non-specialist practitioners. .

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