

**Antiplatelet Therapy Following Percutaneous Coronary Intervention in
Patients Complicated by COVID-19: Implications from Clinical Features to
Pathological Findings**

Running Title:

-



Address for Correspondence:

Circulation

-
-



Circulation

Figure



Circulation

Figure

individuals that are thrombocytopenic would lose the ability to deposit fibrinogen and fail to seal the damaged pulmonary vasculature.



Circulation



Circulation

Acknowledgments

The authors thank Drs. Haonan Sun, Zhijia Wang, Hangkuan Liu, Yifan Guo, Chunpo Liang and Chengcheng Wu for literature searching and valuable suggestions for this manuscript.

Sources of Funding

Disclosures



- 1.
- 2.
- 3.
- 4.
- 5.

-

-

-

-

-

-

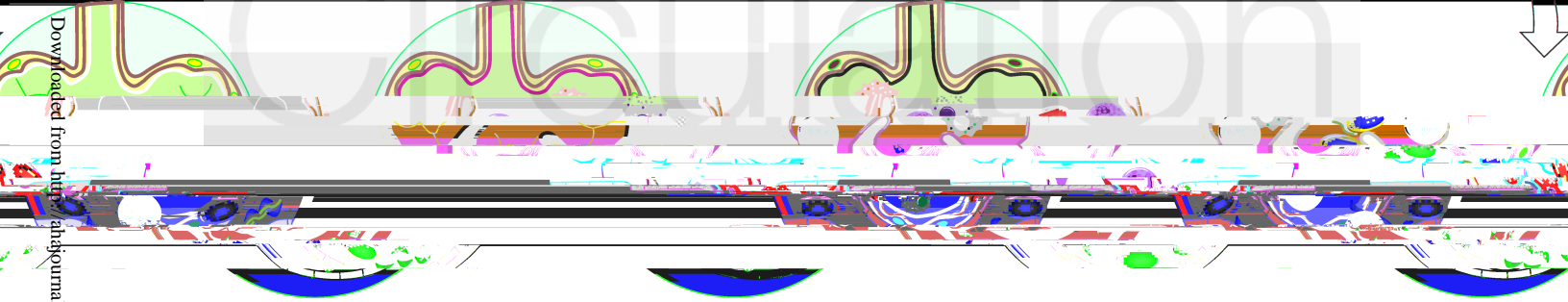
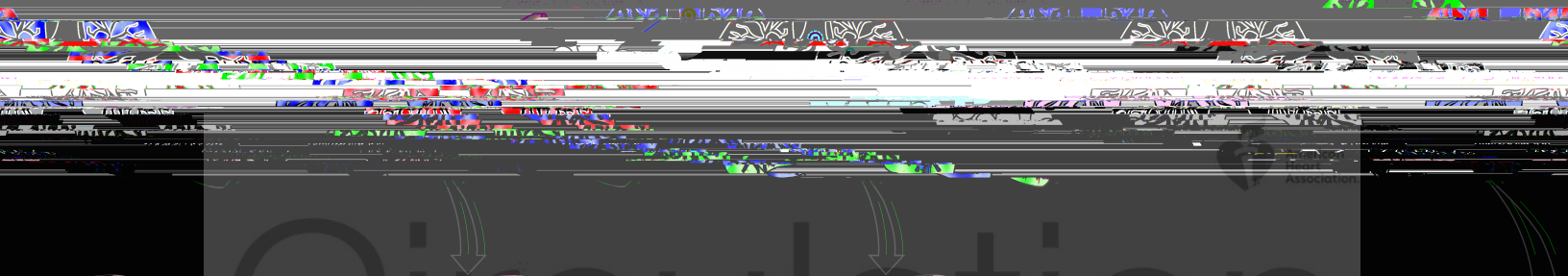
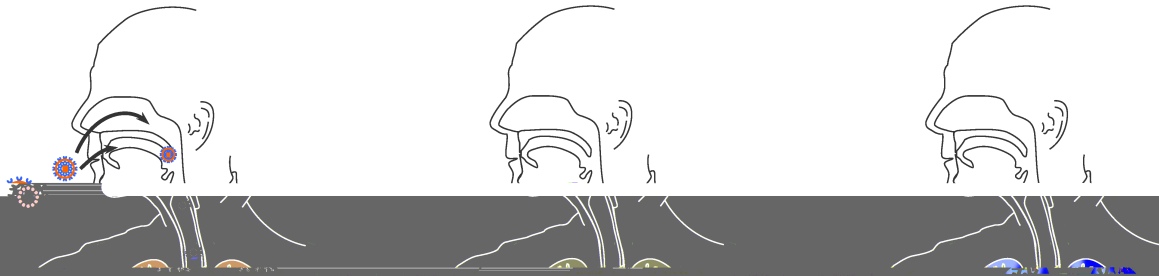
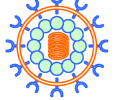
Figure Legend

Figure. The potential pathophysiological evolution of SARS-CoV-2 infection in lung tissue and implications for antiplatelet therapy.



Circulation

SARS-CoV-2

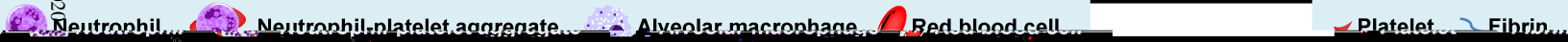
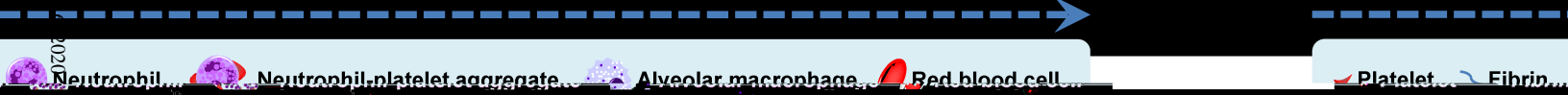


- Endothelial dysfunction
- Platelet activation
- Neutrophil-platelet aggregate formation
- Neutrophil migration
- Fibrin/thrombus formation

- Diffuse alveolar damage
- Platelet consumption
- Coagulation factor depletion
- Disseminated intravascular coagulation
- Diffuse alveolar hemorrhage

- Virus-membrane interaction
- Virus replication
- Virus dissemination

Disease Progression



Downloaded from <http://ahajournals.org> by on April 20, 2020