

Fig.5.97 Photos of stable subcooled boiling flow at certain time instants for various imposed heat fluxes at $\Delta T_{\text{sub}} = 5^\circ\text{C}$ for (a) $G = 300 \text{ kg/m}^2\text{s}$ and (b) $G = 400 \text{ kg/m}^2\text{s}$.

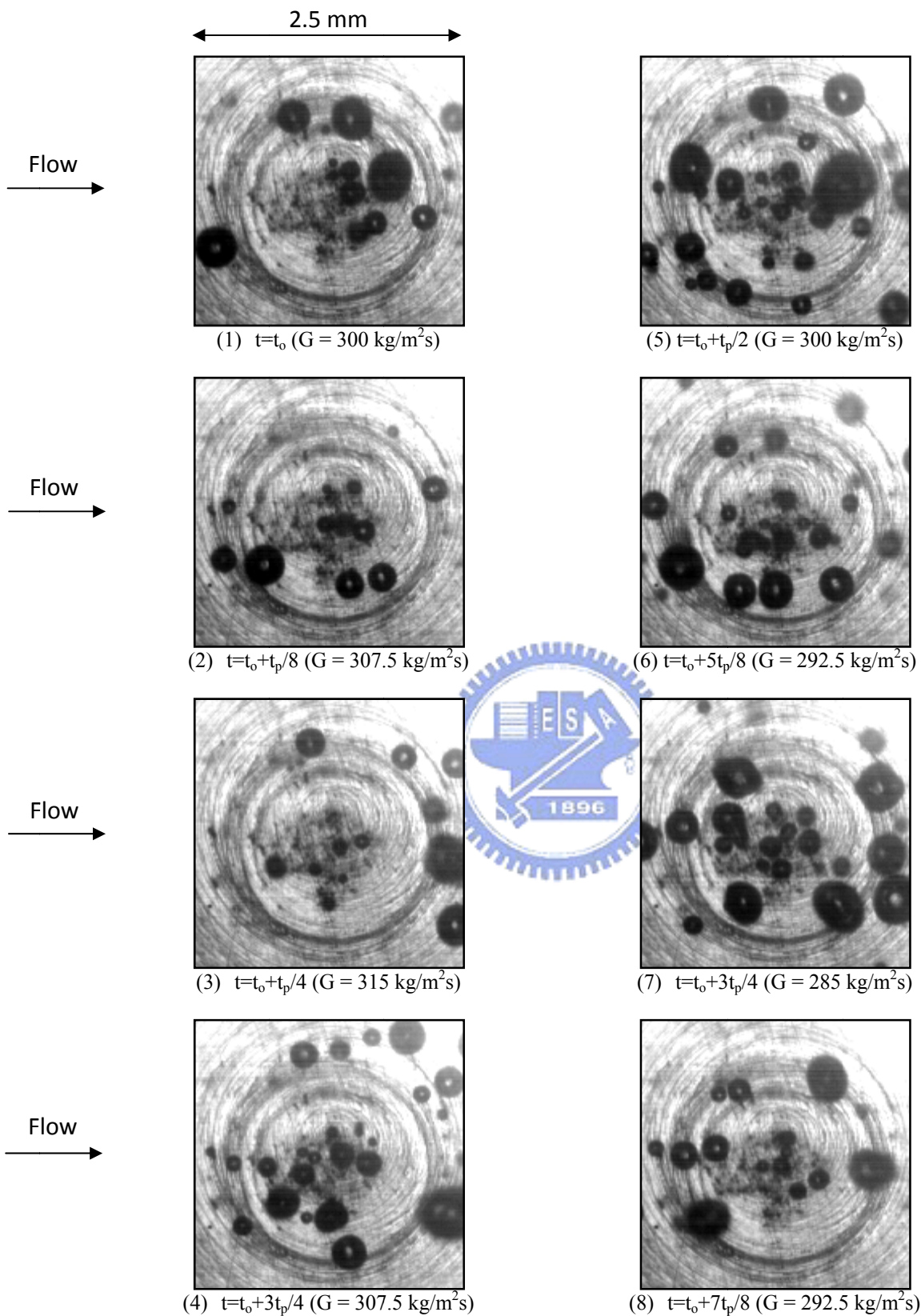


Fig.5.98 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=6.2 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

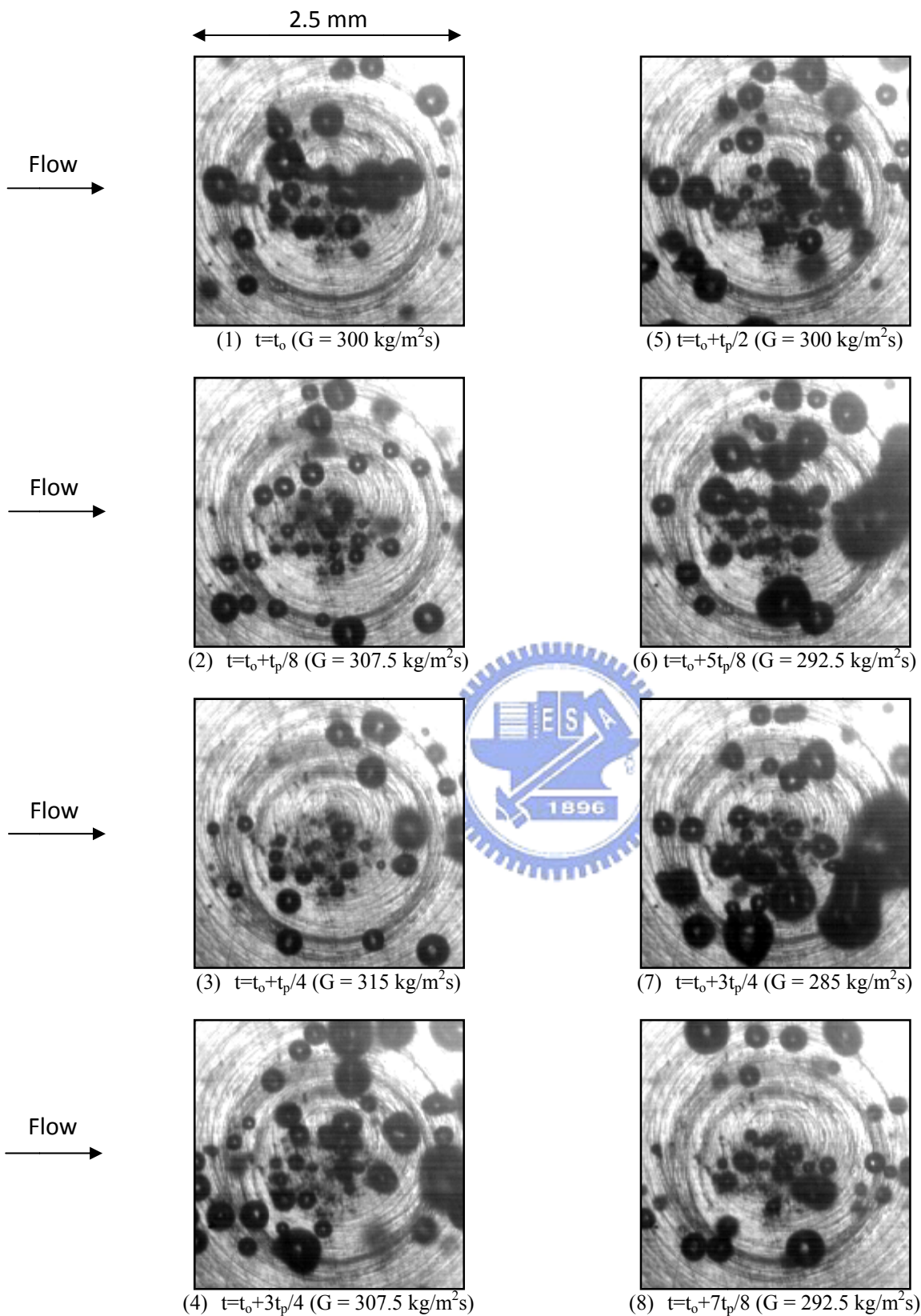


Fig.5.99 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.5 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

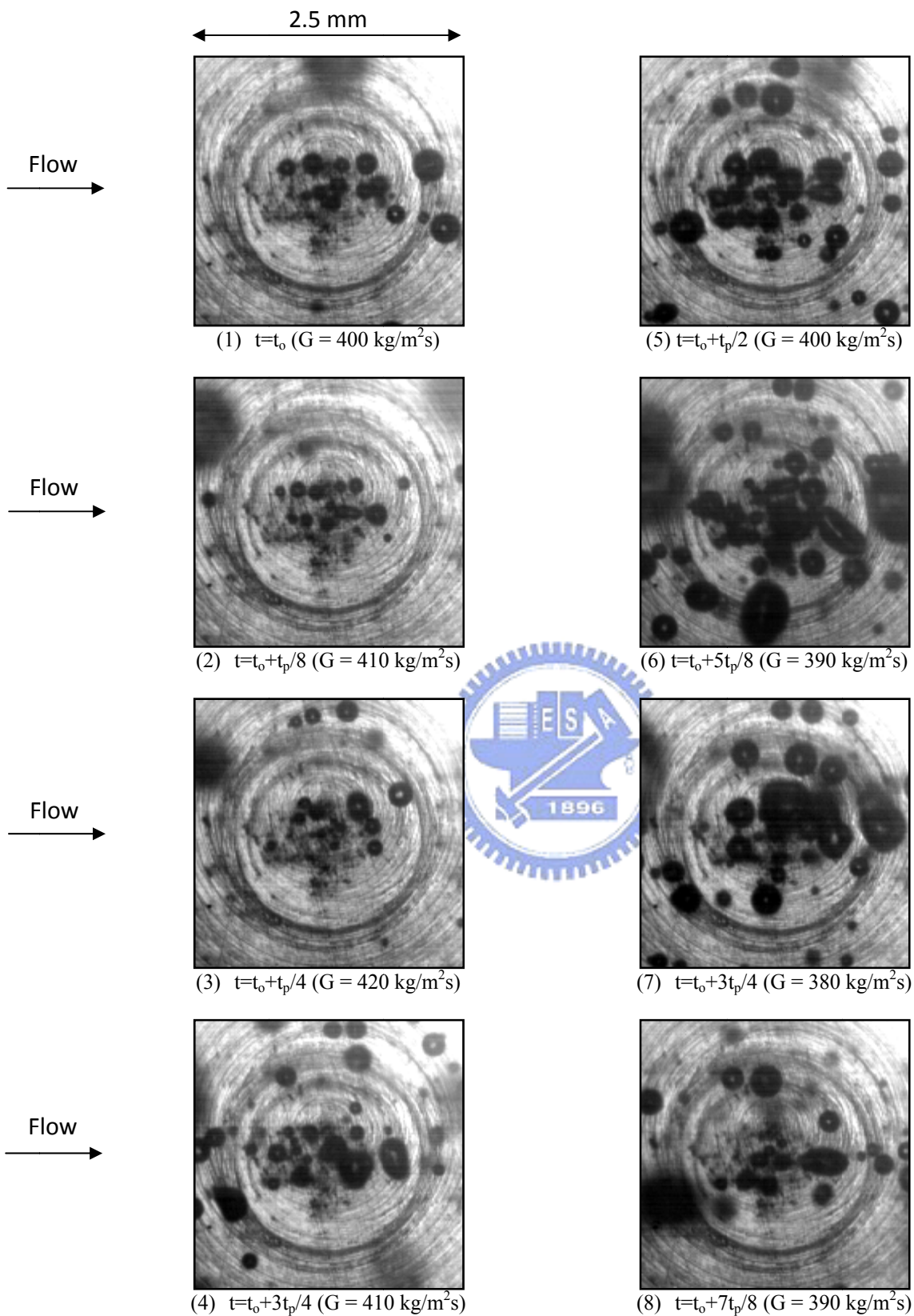


Fig.5.100 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.5 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

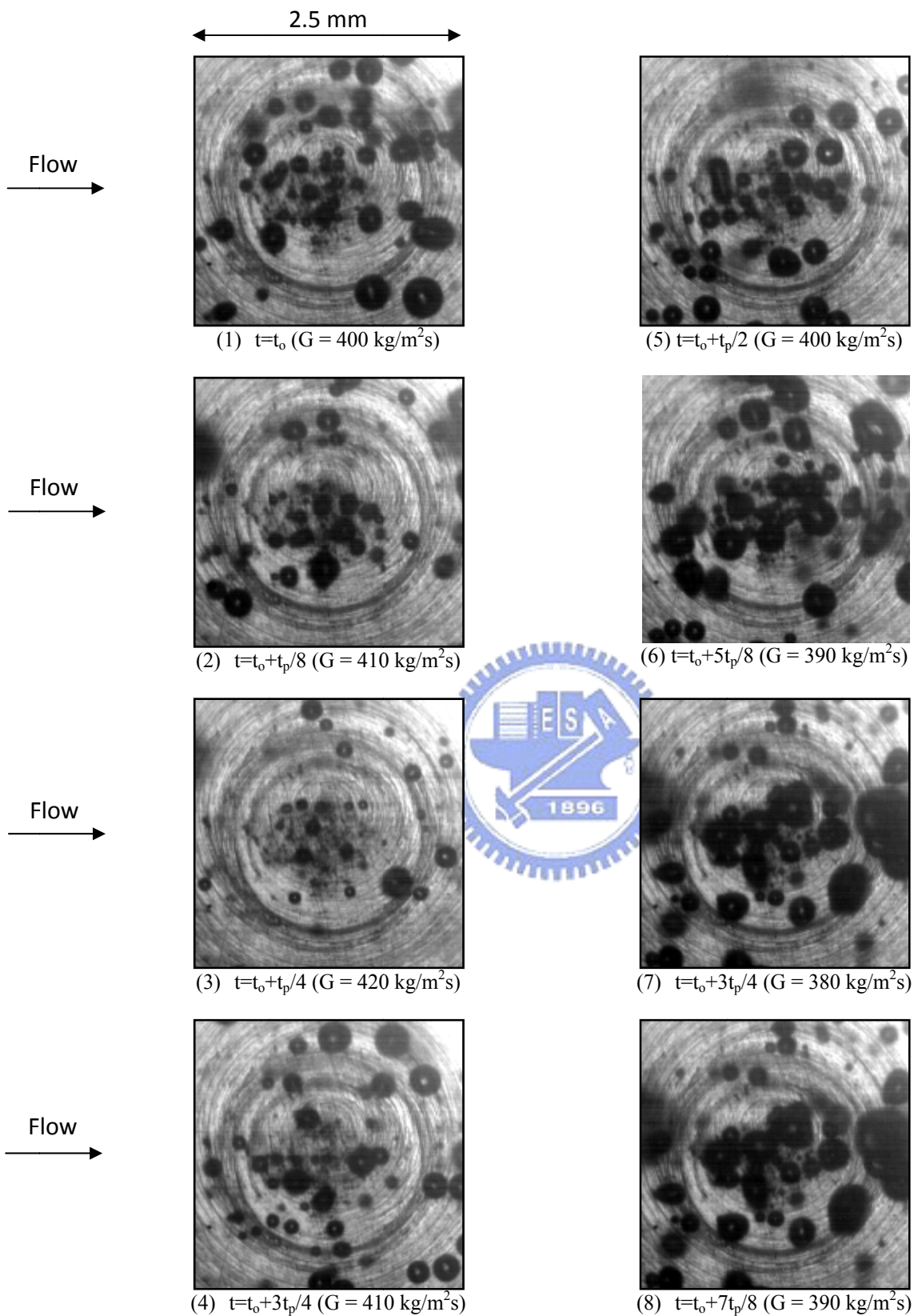


Fig.5.101 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=8.9 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

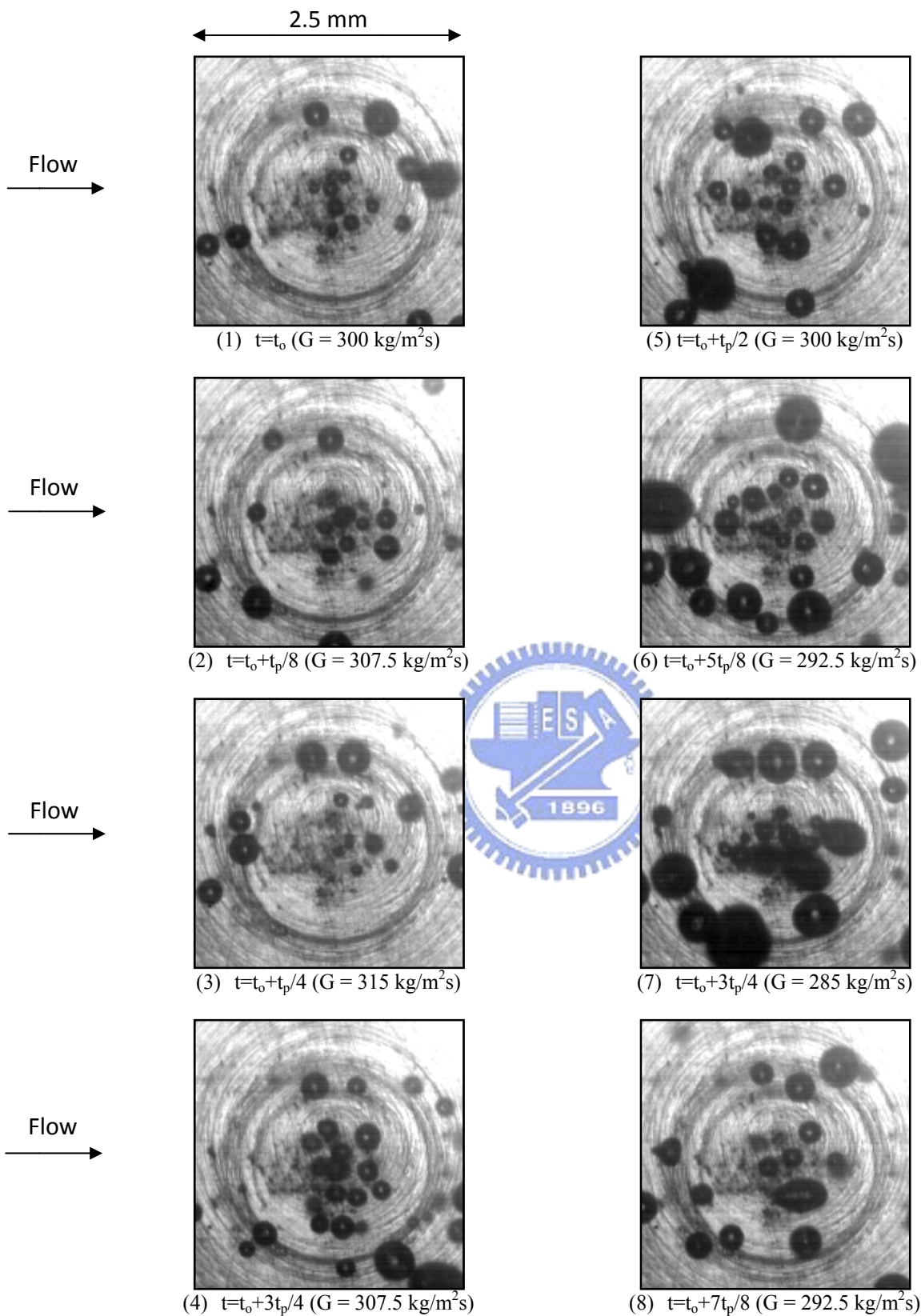


Fig.5.102 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=6.1 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=20\text{s}$.

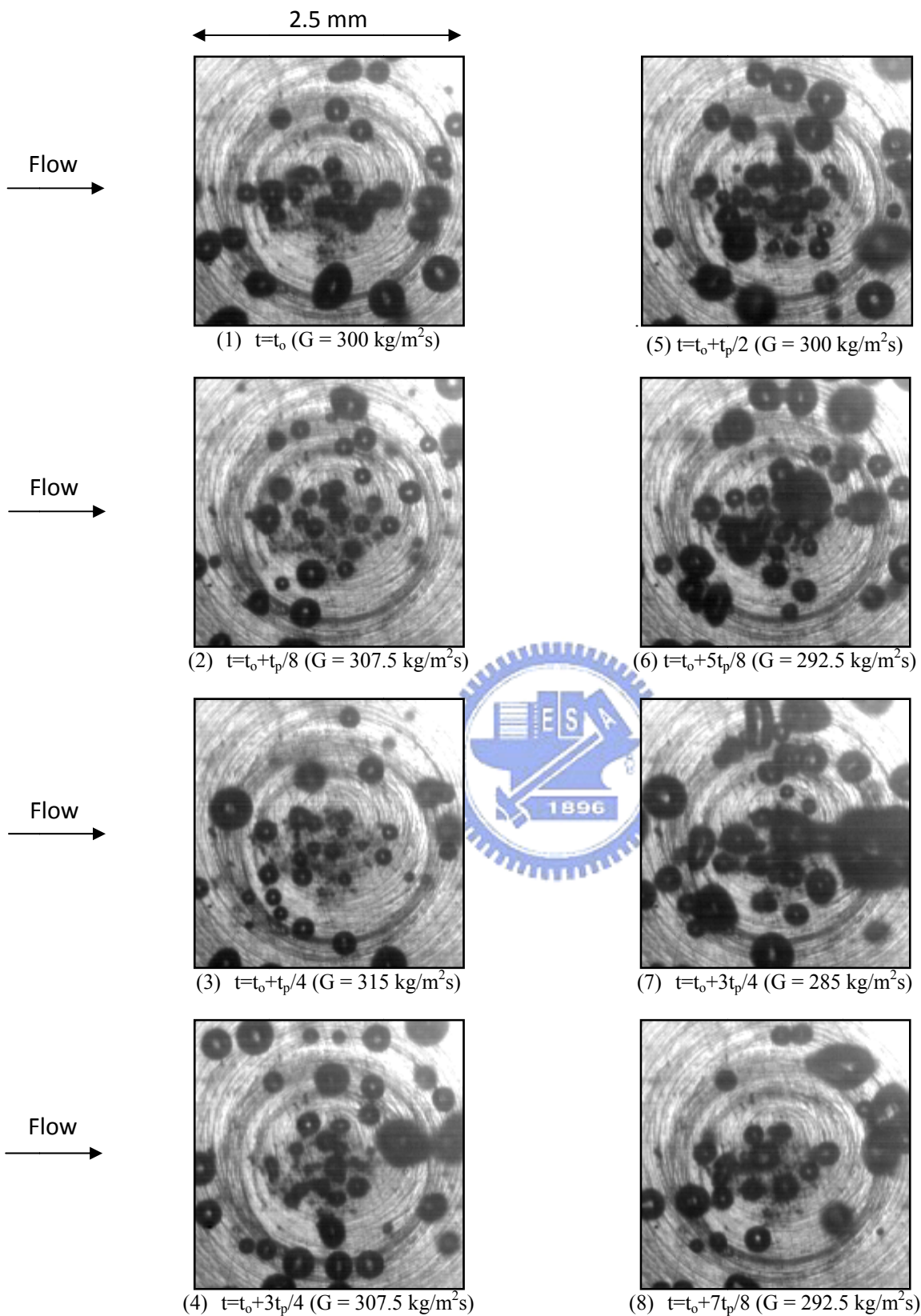


Fig.5.103 Photos of transient oscillatory subcooled flow boiling at certain time instants for various imposed mass fluxes for $q=7.5 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=20\text{s}$.

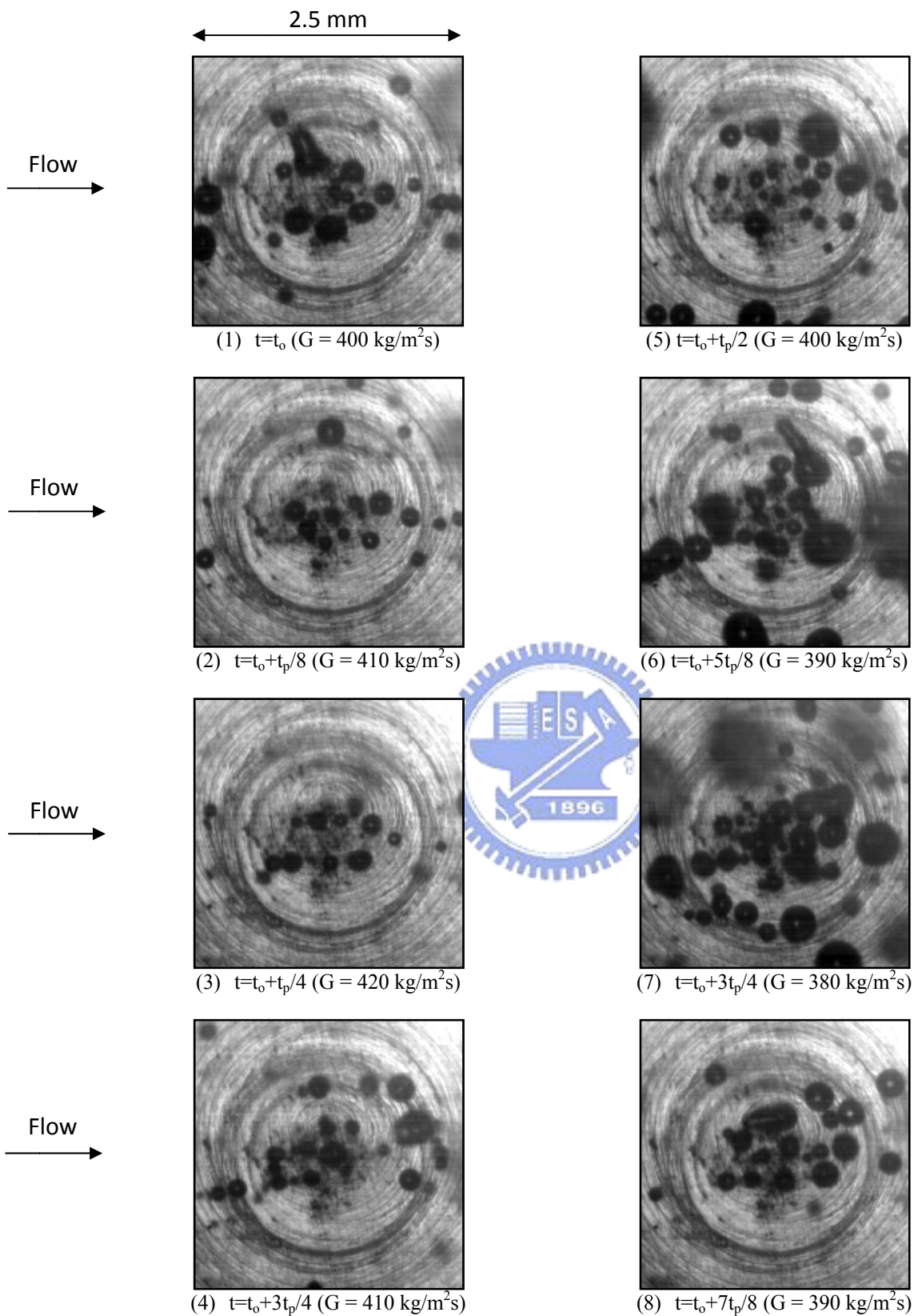


Fig.5.104 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.4 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=20\text{s}$.

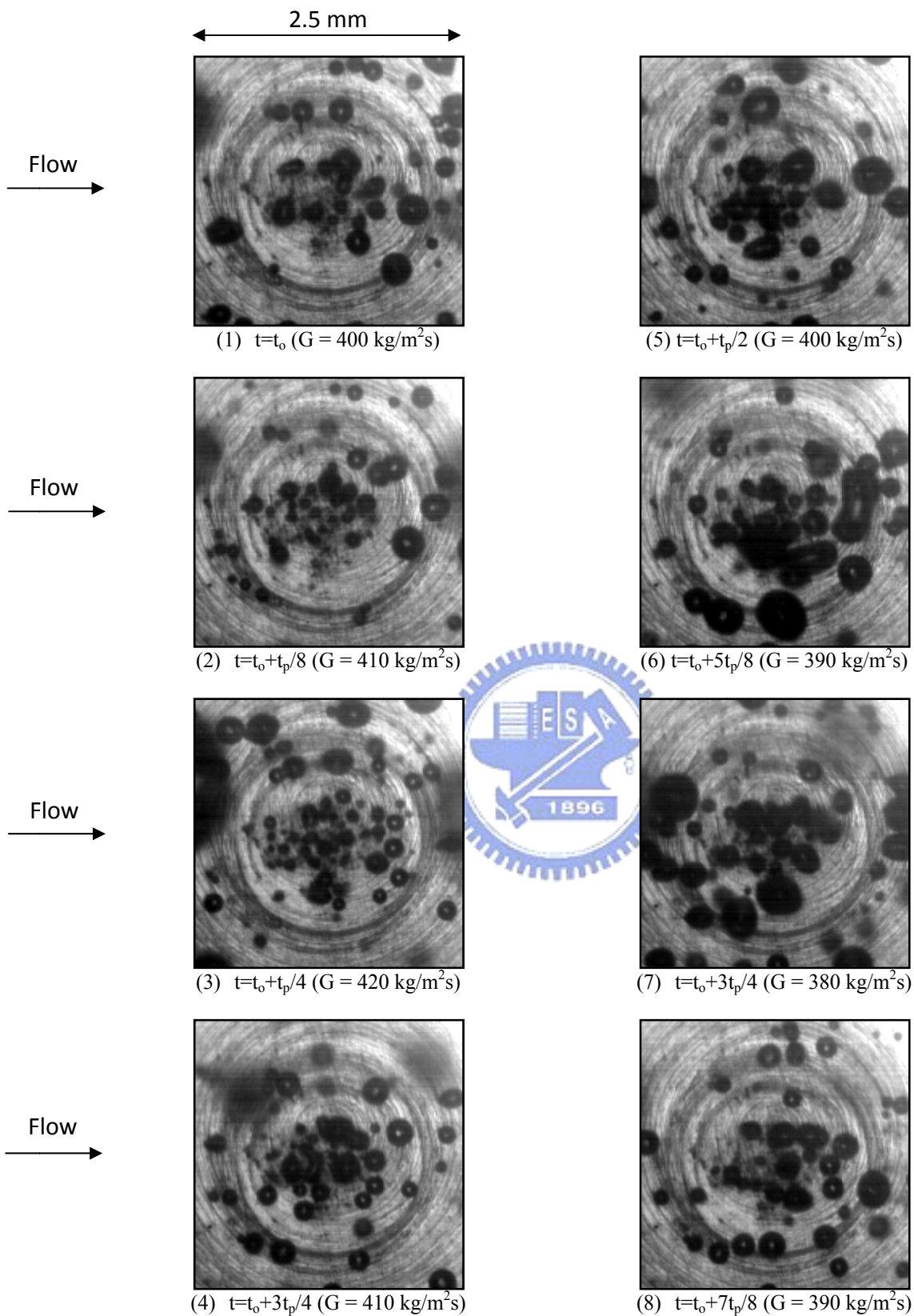


Fig.5.105 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=8.9 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=20\text{s}$.

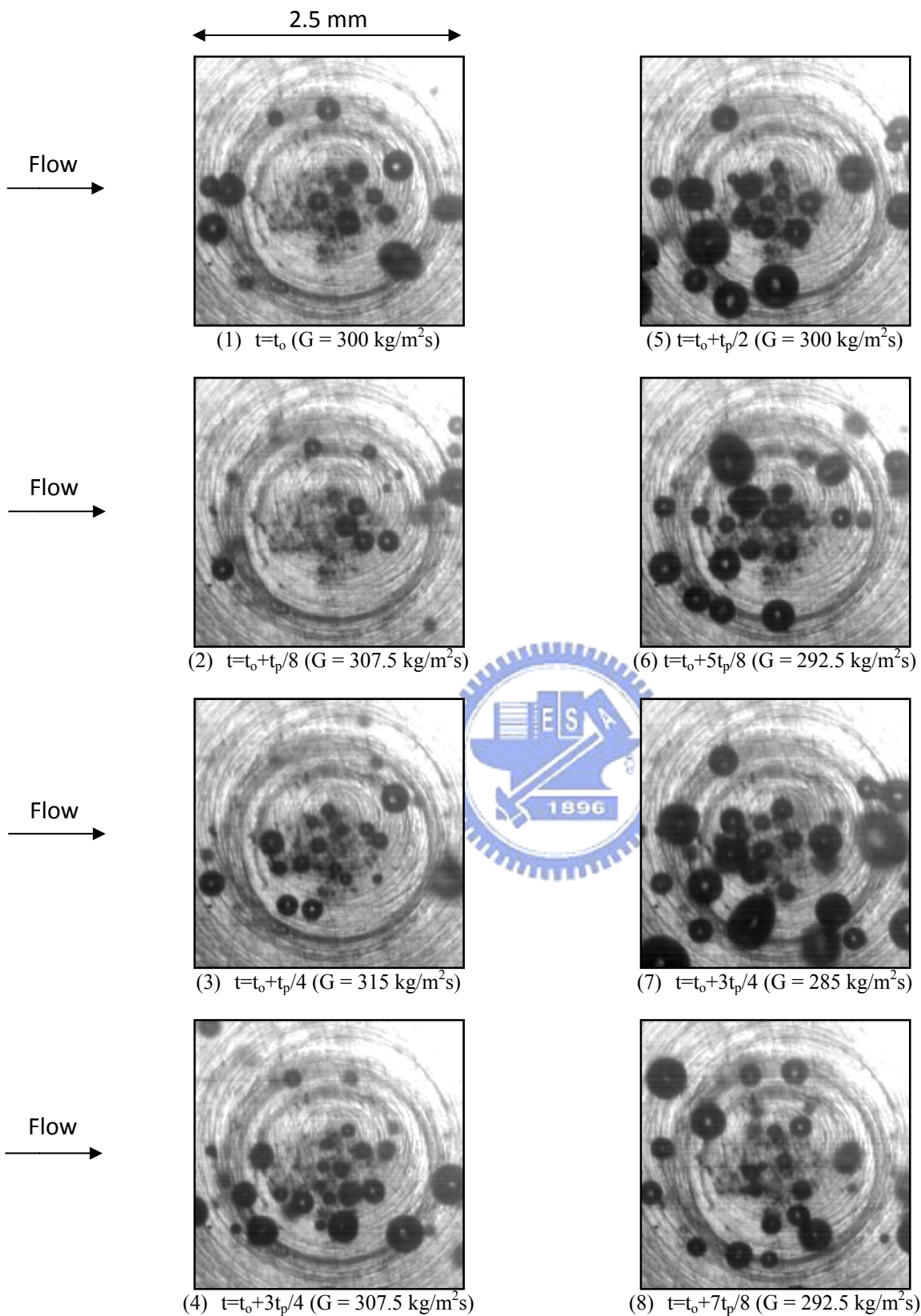


Fig.5.106 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=6.1 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=30\text{s}$.

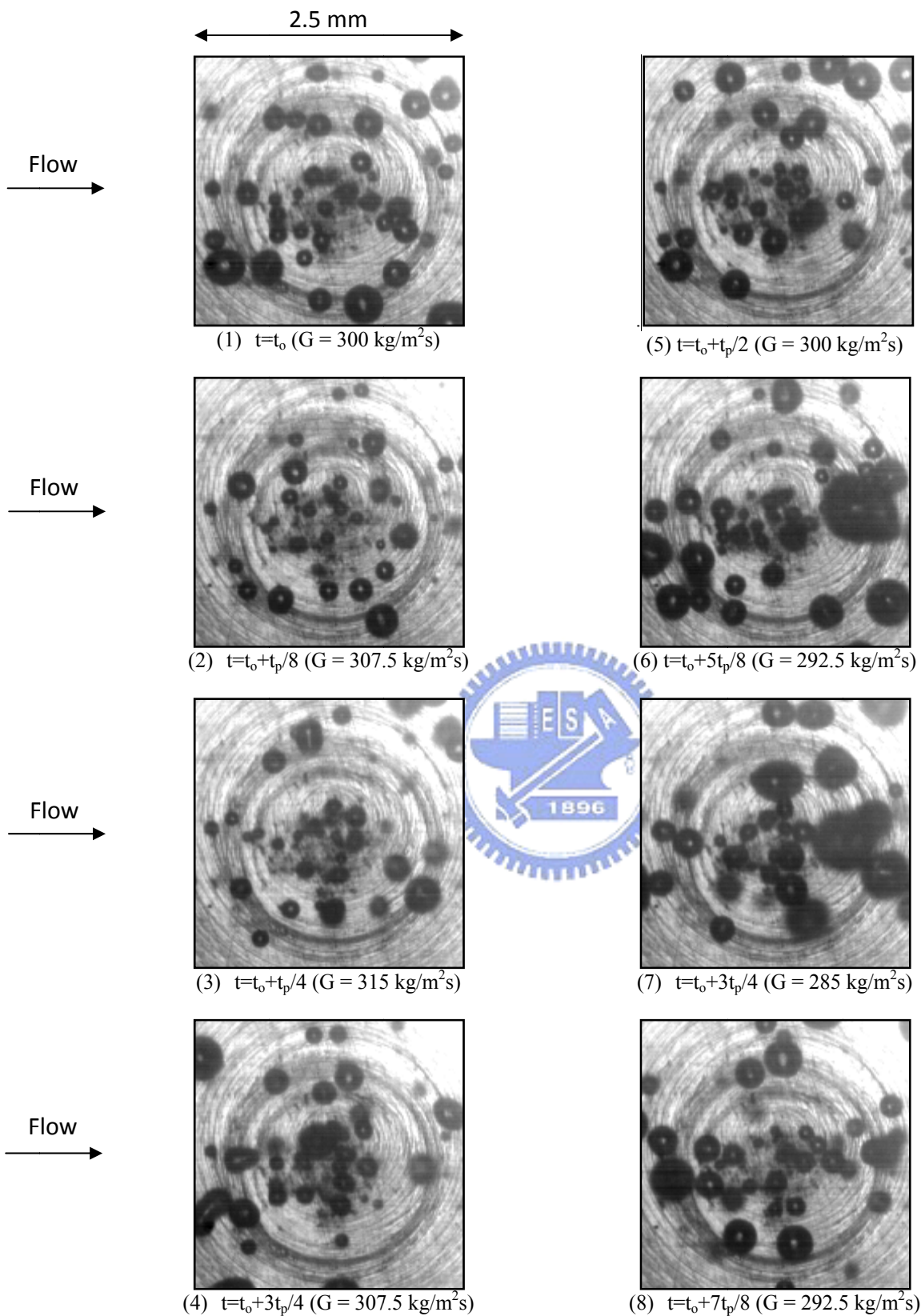


Fig.5.107 Photos of transient oscillatory subcooled flow boiling at certain time instants for various imposed mass fluxes for $q=7.4 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=30\text{s}$.

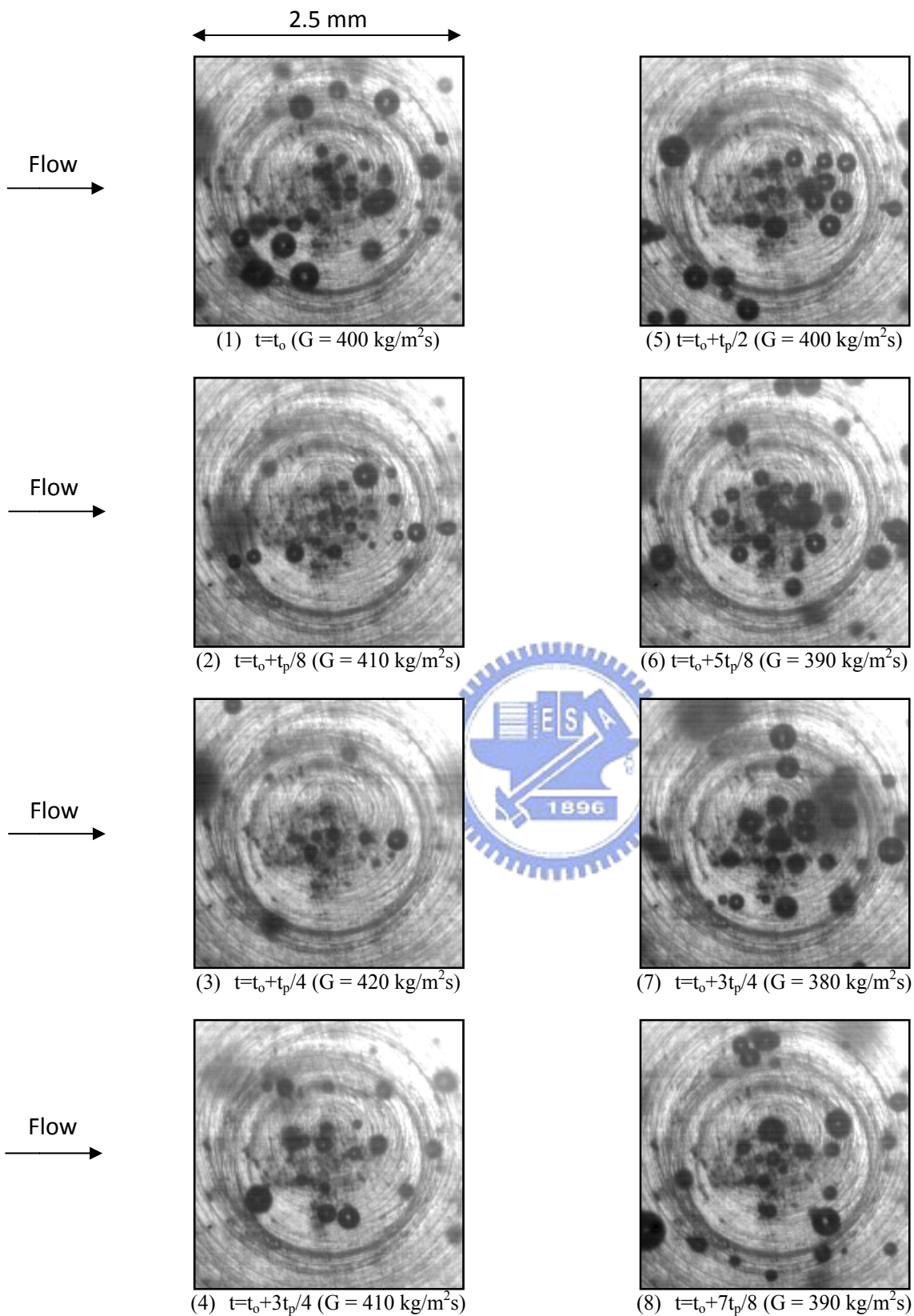


Fig.5.108 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.4 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=30\text{s}$.

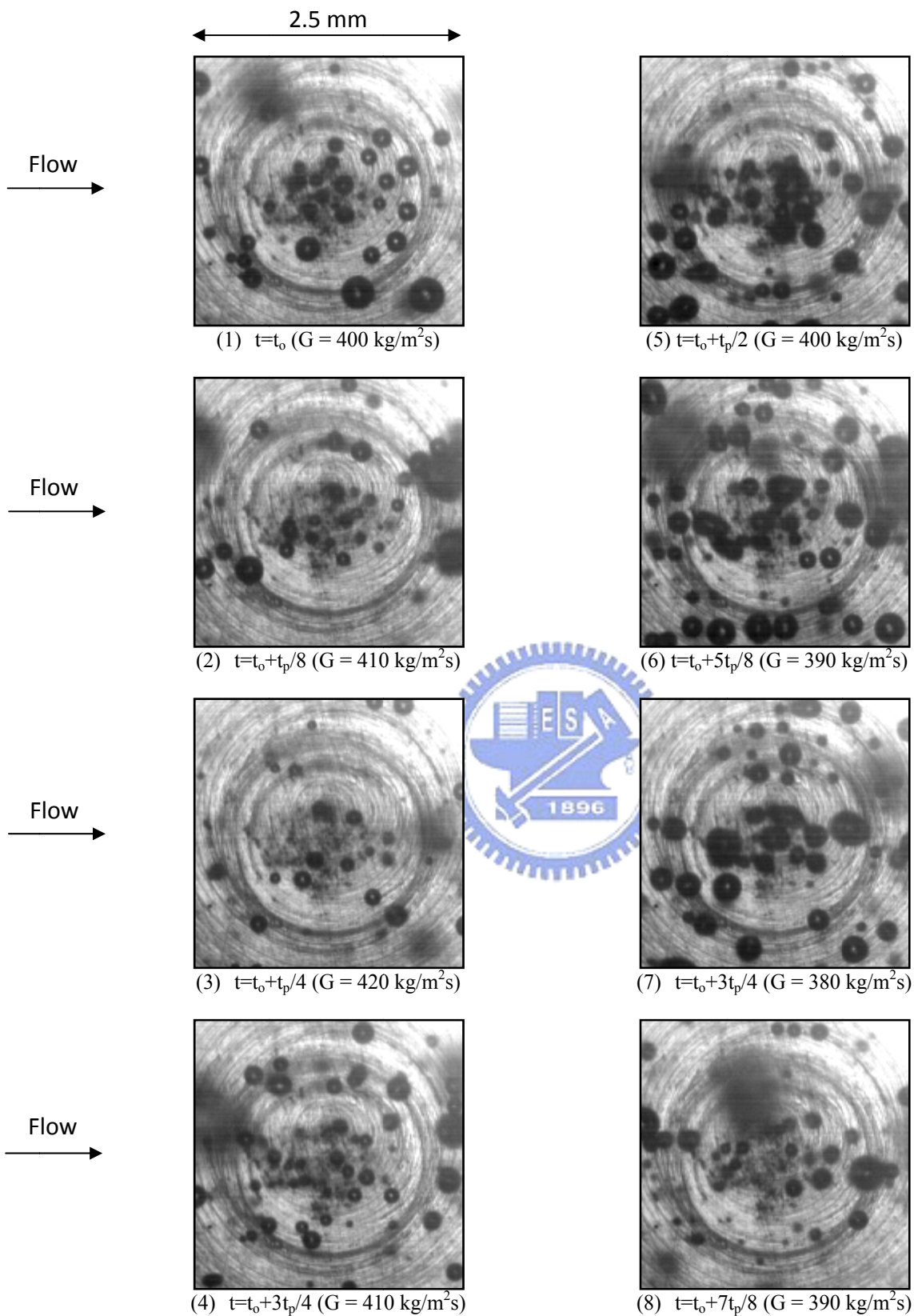


Fig.5.109 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=8.8 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 5\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=30\text{s}$.

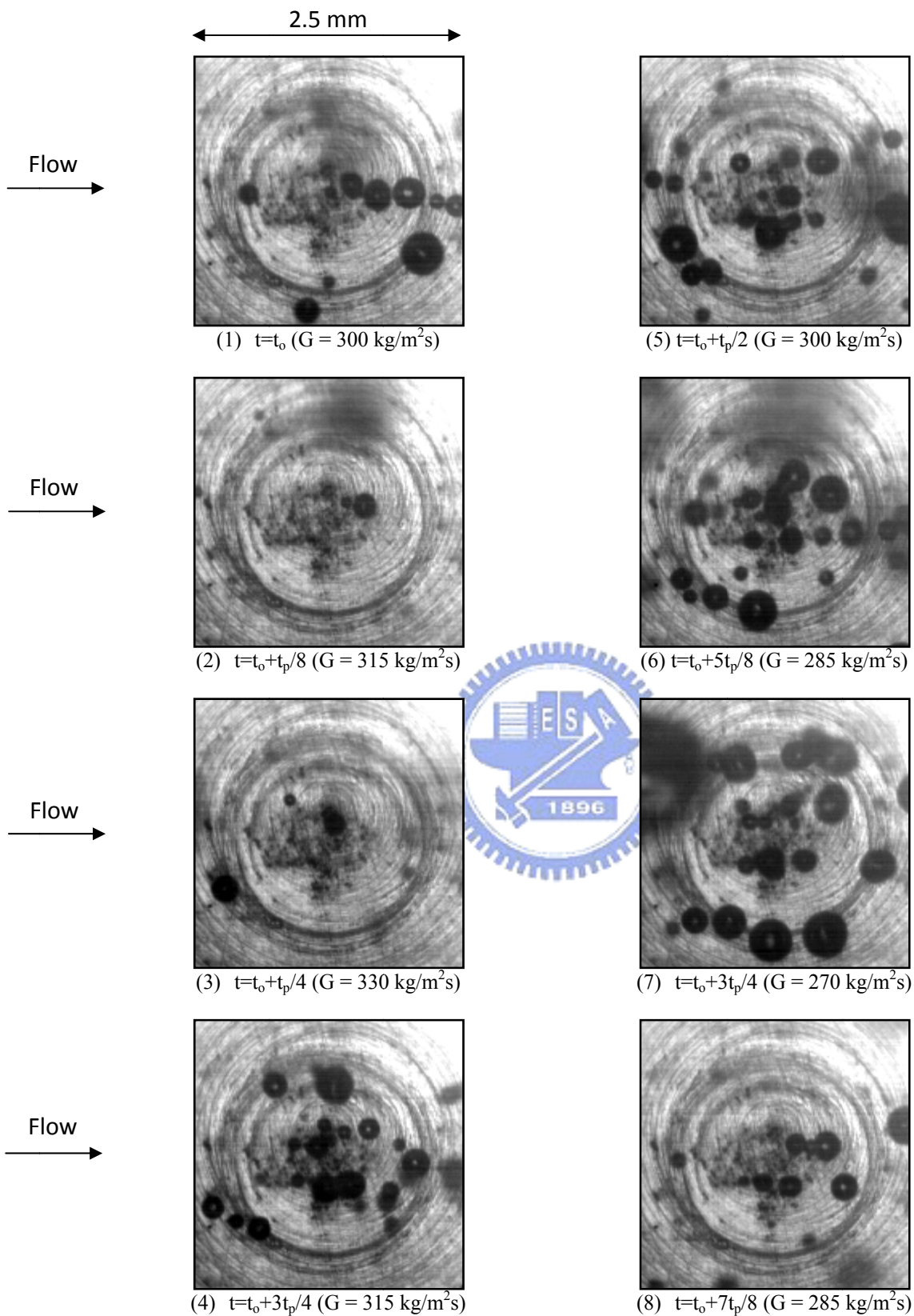


Fig.5.110 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=6.1 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 10\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

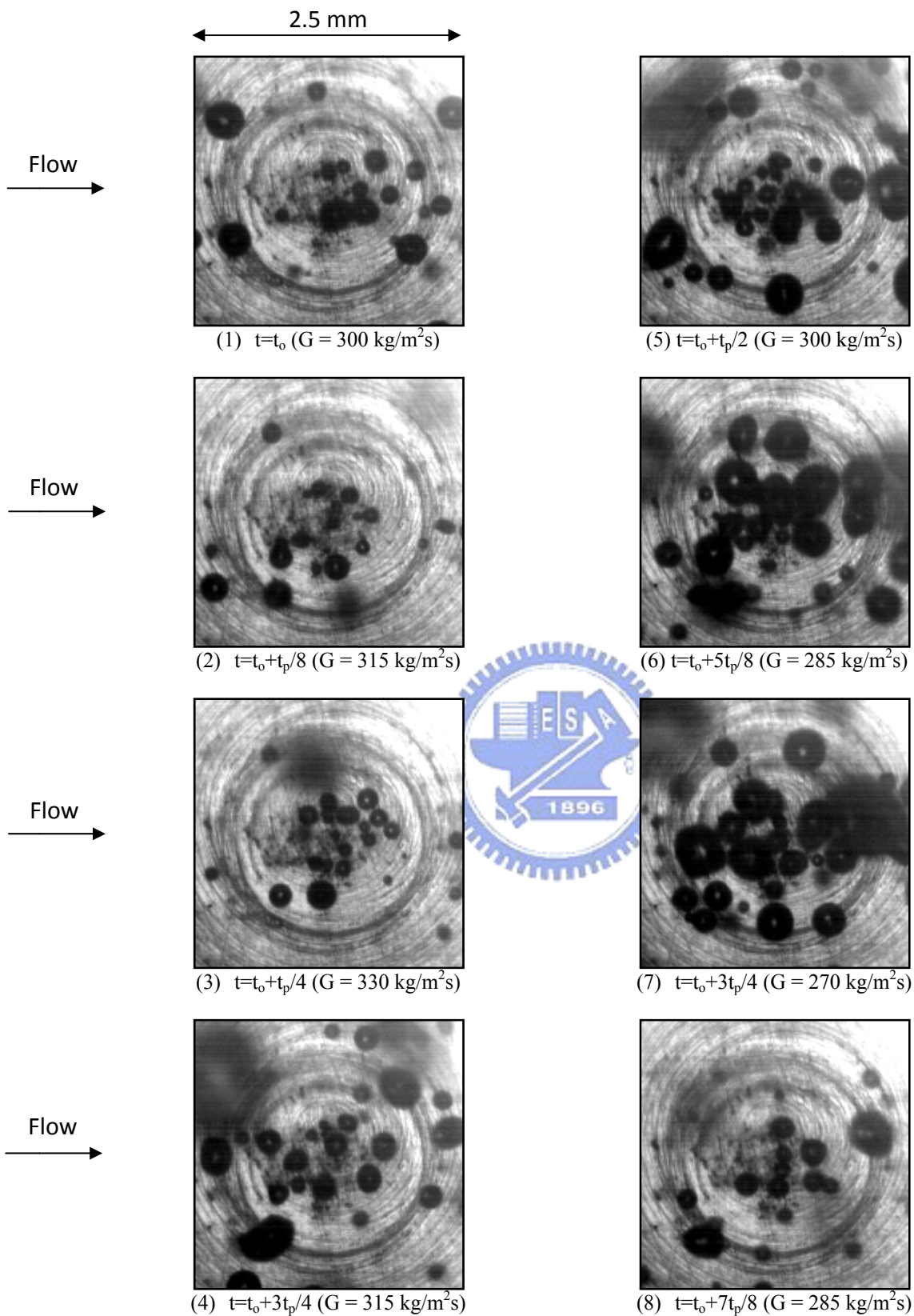


Fig.5.111 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.4 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=300\pm 10\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.

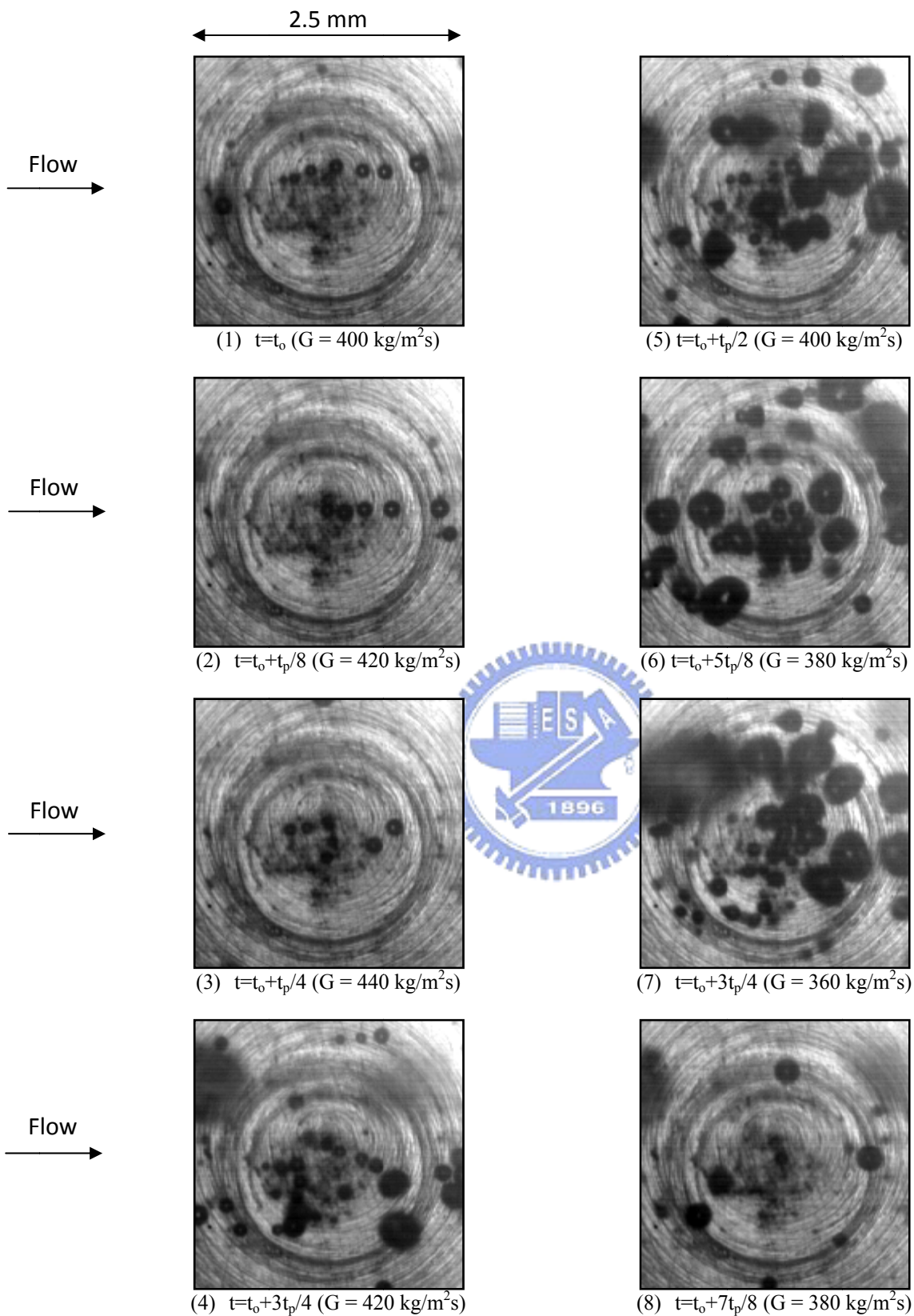


Fig.5.112 Photos of transient oscillatory subcooled flow boiling flow at certain time instants for various imposed mass fluxes for $q=7.4 \text{ W/cm}^2$ and $\Delta T_{\text{sub}}= 5^\circ\text{C}$ at $G=400\pm 10\% \text{ kg/m}^2\text{s}$ with oscillation $t_p=10\text{s}$.