

Supplementary Table 1. Korean Severe Asthma Registry (KoSAR) participating institutions and investigators

Locations (no. of institutions)	Institutions	Investigators
Seoul (14)	Asan Medical Center	You Sook Cho Yeon-Mok Oh Tae-Bum Kim Hyouk-Soo Kwon Woo-Jung Song Ji-Hyang Lee
	Chung-Ang University Hospital	Jae-Woo Jung
	Ewha Womans University Mokdong Hospital	Young-Joo Cho
	Ewha Womans University Seoul Hospital	Min-Hye Kim Ji-Su Shim
	Eulji General Hospital	Sang-Hoon Kim So Young Park
	Hanyang University Hospital	Ho Joo Yoon Sang-Heon Kim Hyun Lee
	Kangdong Sacred Heart Hospital	Ga-Young Ban Yong Suk Jo
	Konkuk University Medical Center	Kwang-Ha Yoo So-Young Park
	Korea University Anam Hospital	Byung-Keun Kim
	Kyung Hee Medical Center	Kyoung-Hee Sohn
	Samsung Medical Center	Byung-Jae Lee
	Seoul National University Hospital	Sang-Heon Cho Heung-Woo Park Hye-Ryun Kang Suh-Young Lee
	Seoul St. Mary's Hospital	Chin Kook Lee Hwa Young Lee
	Severance Hospital	Jae-Hyun Lee
Incheon (1)	Gachon University Gil Medical Center	Sung-Yoon Kang
Guri (1)	Hanyang University Guri Hospital	Ji-Yong Moon
Anyang (1)	Hallym University Sacred Heart Hospital	Joo-Hee Kim
Seongnam (2)	CHA Bundang Medical Center	Mi-Ae Kim
	Seoul National University Bundang Hospital	Yoon-Seok Chang
Suwon (1)	Ajou University Hospital	Hae-Sim Park Youngsoo Lee
Bucheon (1)	Soonchunhyang University Bucheon Hospital	Choon-Sik Park An-Soo Jang Jong Sook Park
Chuncheon (1)	Kangwon National University Hospital	Jae-Woo Kwon
Jeonju (1)	Chonbuk National University Hospital	Yong Chul Lee
		So Ri Kim
		Seoung Ju Park
Gwangju (1)	Chonnam National University Hospital	Young-Il Koh Da Woon Sim Ji Eun Yu

Supplementary Table 1. Continued

Locations (no. of institutions)	Institutions	Investigators
Daegu (2)	Kyungpook National University Hospital	Su-Jeong Kim
	Yeungnam University Hospital	Hyun Jung Jin
Busan (4)	Dong-A University Hospital	Young-Hee Nam
	Inje University Haeundae Hospital	Chan Sun Park Hyo-Jung Kim
	Kosin University Gospel Hospital	Gil-Soon Choi
	Pusan National University Hospital	Hye-Kyung Park
Ulsan (1)	Ulsan University Hospital	Taehoon Lee