**Background:** Little data exists regarding use of VIT in specific high-risk chronic medical conditions.

**Methods:** A web-based survey (SurveyMonkey®) was sent out to all AAAAI members to explore their experience with VIT regarding use in high-risk medical conditions. Minor problems were defined as "some dose-reduction or doses postponed, but no major problems. AIT could be continued." Major problems were defined as "activation of underlying disease and/or AIT not well tolerated (systemic adverse events) and/or AIT discontinued for medical reasons". Results are expressed descriptively.

**Results:** 697 of 5123 (14%) surveys were completed. 87% of respondents were US-based, with 28% working in an academic setting, and 41%, 54% and 5% working in urban, suburban and rural settings, respectively. Most respondents had worked as an Allergist for >15 years (62%). The following data is shown.

**Disease** | % major problems |
--- | --- |
Mastocytosis | 18.4% |
Elevated serum tryptase | 10.8% |
Cancer, stable, but still under treatment | 7.2% |
AIDS | 6.3% |
Cerebro-vascular disease | 5.1% |
Patients with history of bone marrow transplant | 2.8% |
Severe asthma | 4.2% |
Patients with a history of solid organ transplantation | 3.6% |
Arthritis | 3.4% |
Coronary artery disease | 3.3% |
Autoimmune disease in stable stage | 2.8% |
Immunodeficiency | 2.5% |
Infected with HIV | 1.4% |
Hypertension | 1.1% |
Cancer, in remission | 0.0% |

**Conclusions:** VIT was commonly utilized in patients with hypertension, coronary artery disease, arrhythmias, cancer in remission and stable autoimmune disease. Conditions most frequently felt to be contraindicated were AIDS, mastocytosis, severe asthma, cancer under treatment, or patients with a history of bone marrow transplants. Major problems were most frequently reported in use with mastocytosis, elevated serum tryptase, and cancer still under treatment.

**Results of patients who have had patients on Venom immunotherapy who suffer from the following medical conditions?**

- **Yes**
- **Yes I might, but no patient till now**
- **No, contraindicated**

**Experience of respondents in using VIT in specific chronic medical conditions (# of Physicians)**

- **Major problems**
- **Minor problems**
- **No problems**