

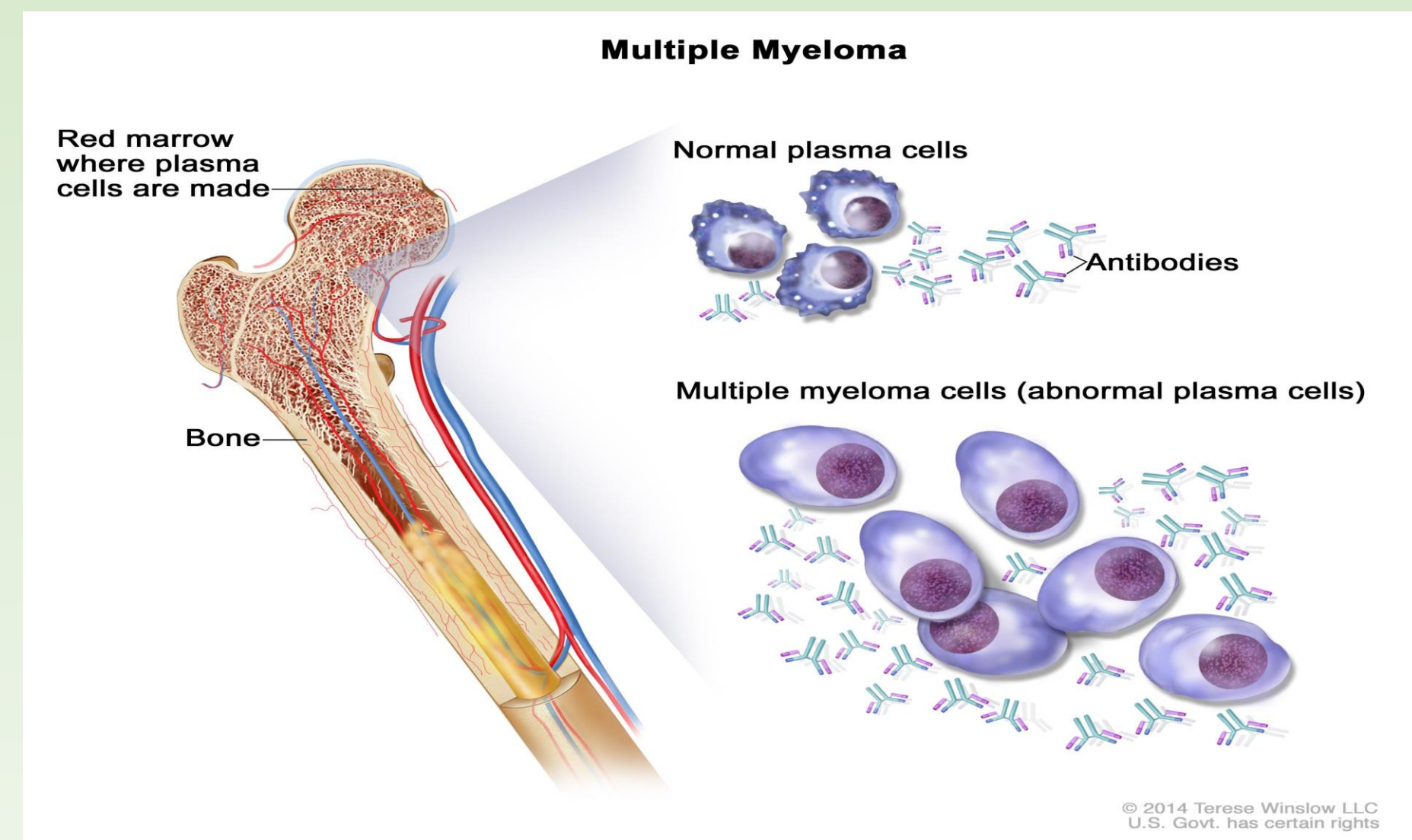
INTRODUCTION

Intravenous immunoglobulins (IVIGs) are therapeutic preparations of pooled polyspecific IgG obtained from the plasma of a large number of healthy individuals. IVIG is used successfully in a wide range of autoimmune and inflammatory conditions. Recognized autoimmune indications include idiopathic thrombocytopenic purpura (ITP), Kawasaki disease, Guillain–Barré syndrome and other autoimmune neuropathies, myasthenia gravis, dermatomyositis and several rare diseases.



MULTIPLE MYELOMA:

A bone marrow cancer that involves a type of WBC called a Plasma (Myeloma) cell.



CHRONIC LYMPHOCYTIC LEUKAEMIA:

CLL is a type of cancer of blood and bone marrow .It typically progresses more slowly than other leukaemia.

SYSTEMIC LUPUS ERYTHEMATOSUS:

A chronic,inflammatory variable autoimmune disease of connective tissue,

Affects multiple organs,disease is esp.affecting the skin with its reddening.

Multisystem autoimmune disorder.

ANCA VASCULITIS:

Rare disorder affects many organs of body by attacking the blood vessel.

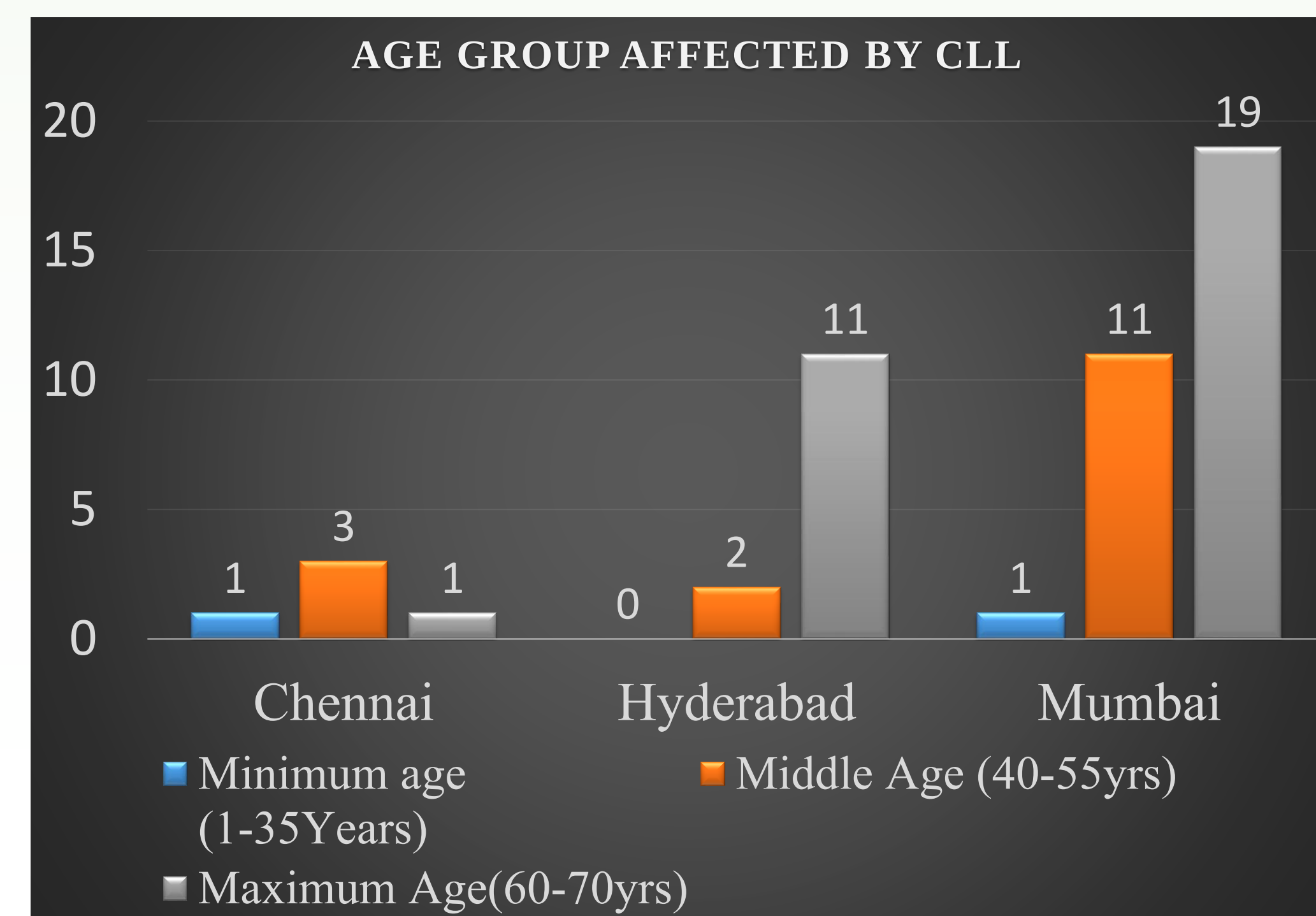
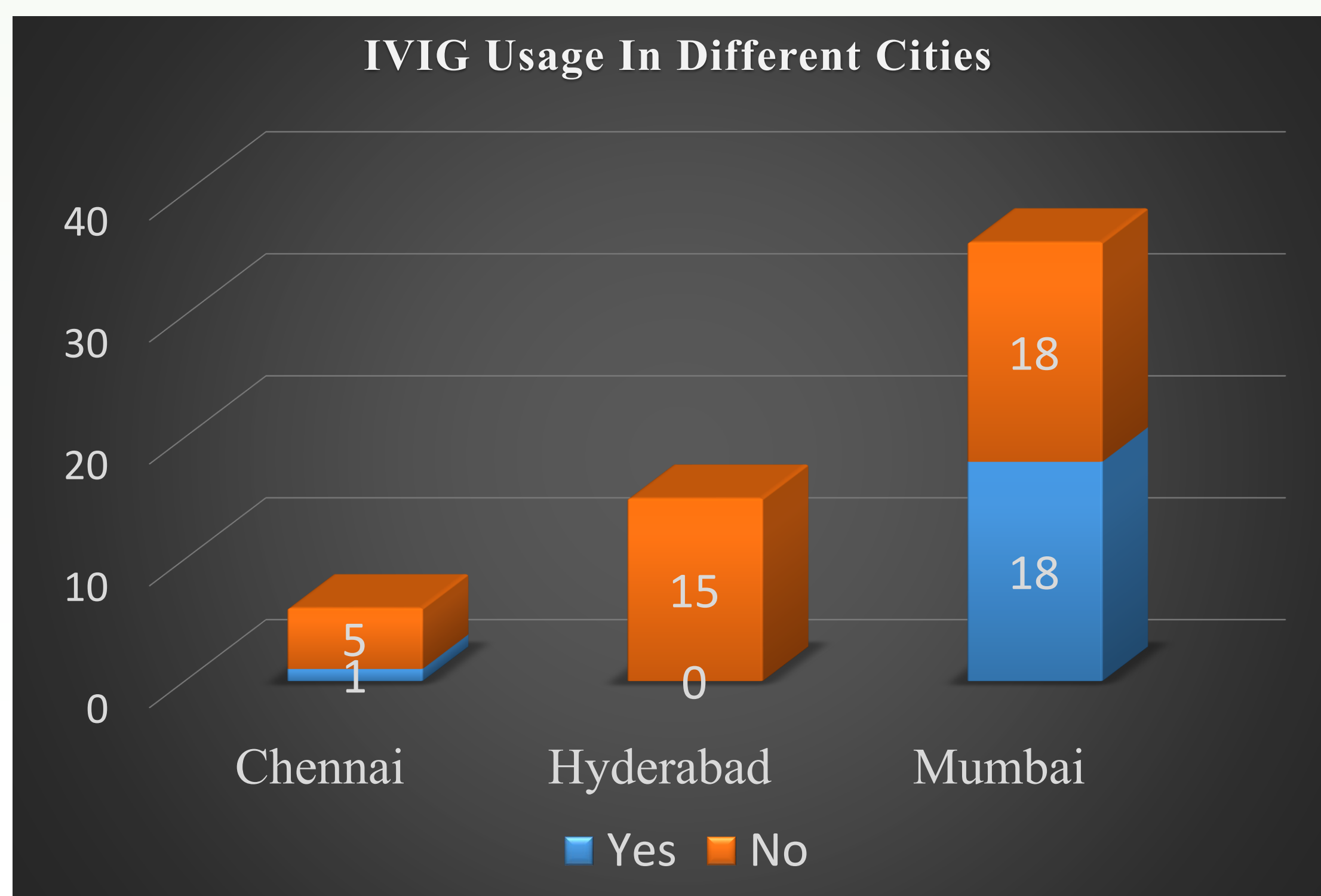
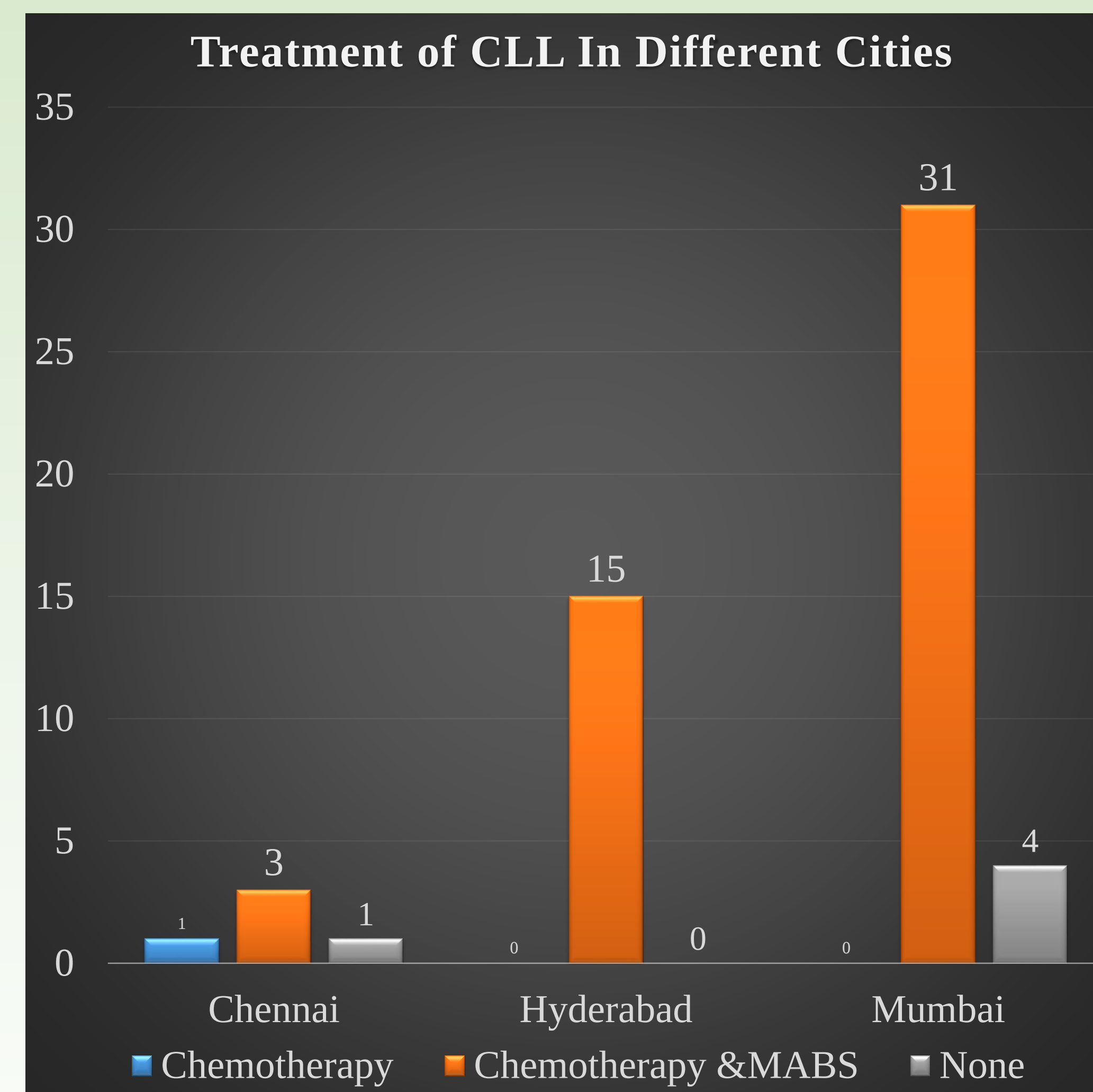
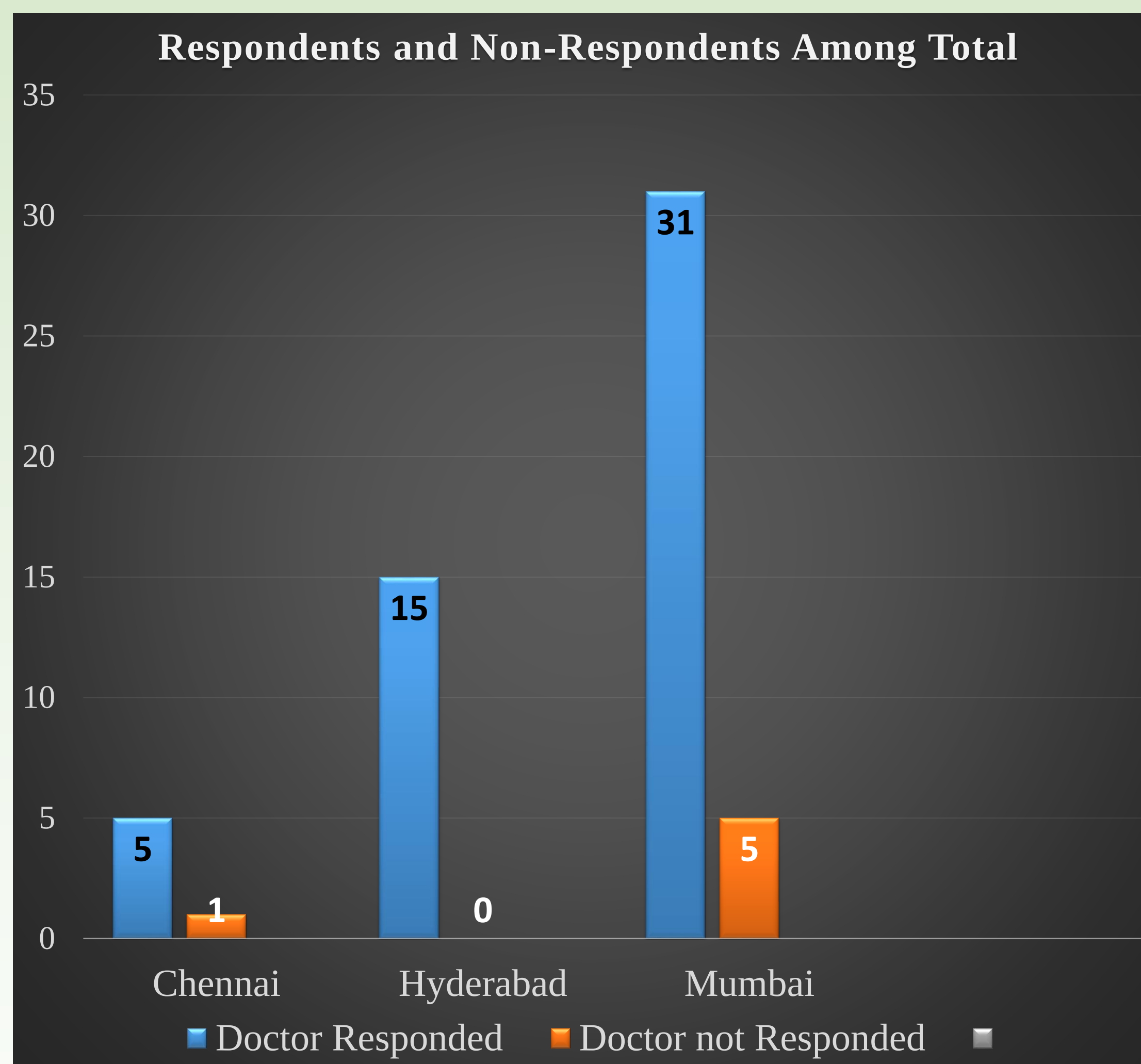
OBJECTIVE FOR THE PROJECT

- Frequency of the patient encountered from the different specialities in Oncology and Rheumatology.
- To find out the rare age group.
- To analyse data variation in different cities for the usage of supportive therapy and IVIG Usage.
- To find out whether doctor use IVIG or not with its appropriate reason and attributing factors.

DESCRIPTION OF THE STUDY AND METHOD IMPLIED

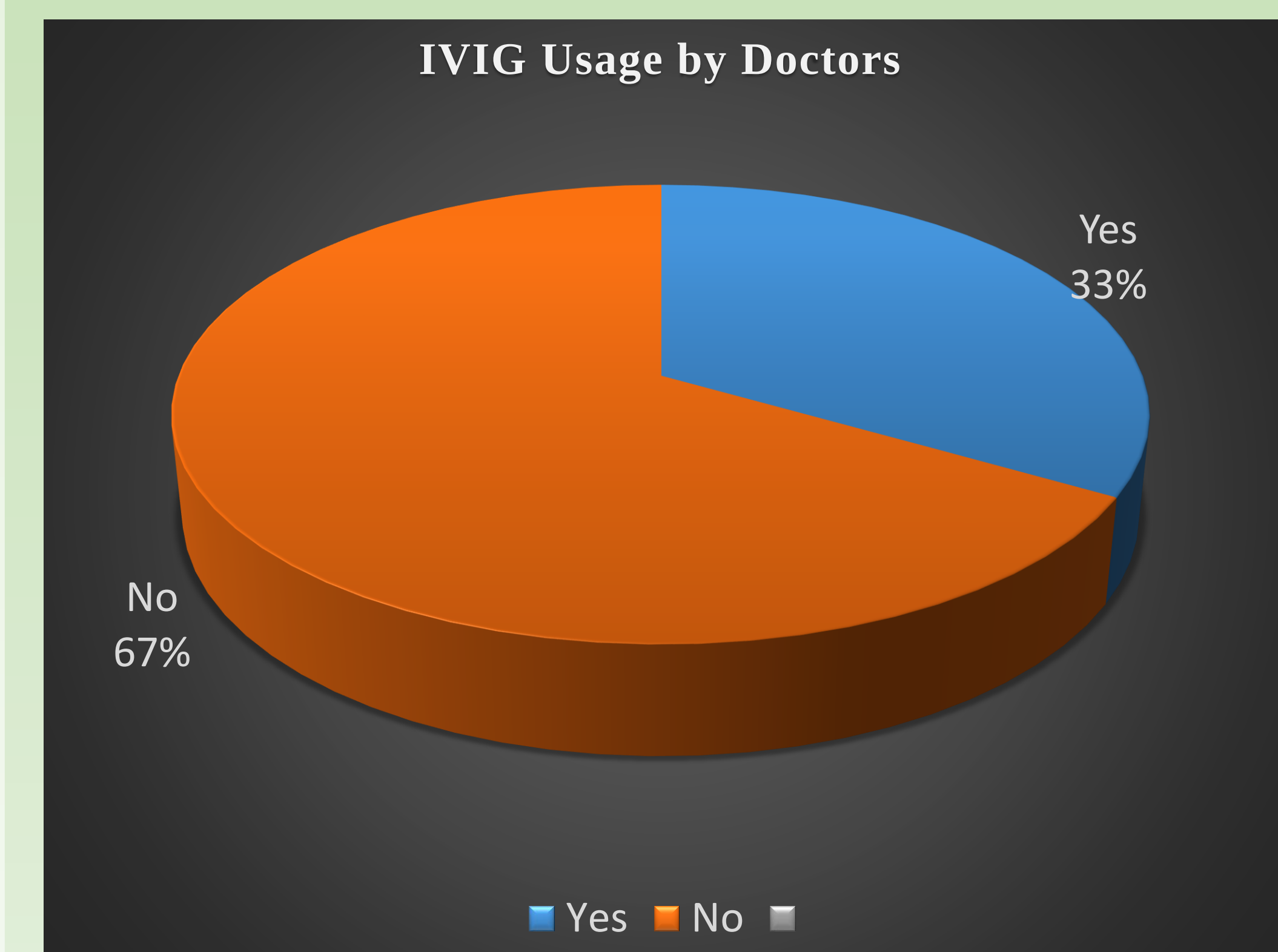
- **METHOD:** Descriptive Study (Survey)
- **Sample Size=** 57(For Both CLL and MM)
- **Sample Size=** 22 (For SLE and ANCA Vasculitis)
- No.Of Cities Covered**
 - 1.Chennai
 - 2.Hyderabad
 - 3.Mumbai
- **TARGETED DOCTORS FOR CHRONIC LYMPHOCYTIC LEUKAEMIA AND MULTIPLE MYELOMA:**
 - 1.Medical Oncologist
 - 2.Hematologist
 - 3.Clinical oncologist
 - 4.Surgical and Radiation Oncologist
- **TARGETED DOCTORS FOR SYSTEMIC LUPUS ERYTHEMATOSUS AND ANCA VASCULITIS:**
 - 1.Dermatologist
 - 2.Rheumatologist

DATA ANALYSIS



CONCLUSION

According to various research article IVIG should be used in autoimmune disorder and various blood related problems as IVIG is responsible to boost up the immune system .But the present scenario of IVIG is totally different as in the survey for CLL and Multiple Myeloma , SLE and ANCA Vasculitis doctors are not much interested to go for IVIG as supportive therapy. As according to them IVIG is not having standard regimen and many people are not able to afford it.



- This pie chart has been obtained according to the survey done in all three cities i.e Chennai, Hyderabad, Mumbai.
- Rheumatologist and Dermatologist go for this type of supportive therapy as the found this more safe and efficacy is achieved.

RECOMMENDATION

According to the pilot study that has been accomplished ,its recommended that reason behind the less usage of IVIG is its awareness and misconception of the standard regimen, thus awareness must be created in Chennai and Hyderabad . Also Affordability is one criteria due to which oncologists do not go for this supportive therapy. To make it affordable one suggestion was the increment of the componentization unit.

ACCOMPLISHMENT OF PROJECT FLOW UNDER GUIDANCE OF:

Dr.Sandeep Narula - Dean Of Pharmaceutical Management IIHMR

Mr.Awadhesh Tiwari – Marketing Team PlasmaGen Biosciences

Ms. Payal –Marketing Team PlasmaGen Biosciences.