

INTRODUCTION:

- Asian institute of medical sciences is the first hospital in Faridabad to receive GREEN OT certification
- Green OT certification is given by Bureau Veritas.
- Green OT promotes concept of practicing operation theatre activities in environmental friendly & safe manner

OBJECTIVES:

To check the extent of compliance of the parameters given by bureau veritas for Green OT

RESEARCH METHODOLOGY:

Study location: Asian institute of medical sciences, Faridabad

Type of study- Descriptive study

Study area- OT complex

Duration of study- 3 weeks

Study instruments:

Primary data:

Quantitative data obtained by scoring the bureau veritas 2014 green OT standards

Direct observation of infrastructure and facilities

Secondary data:

Qualitative data was obtained from hospital policies, manuals and SOPs
Review of records and register of the

CGREEN OT PROCESS



GREEN OT PARAMETER CHECKLIST BY BUREAU VERITAS

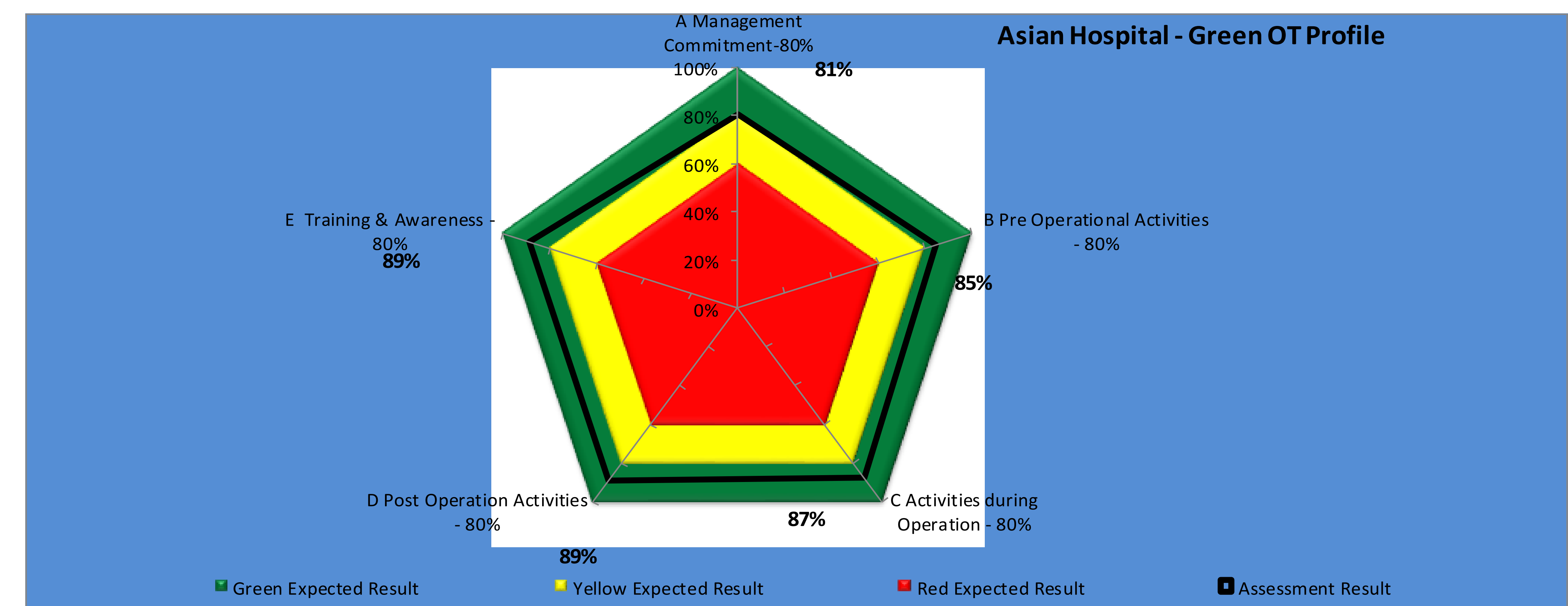
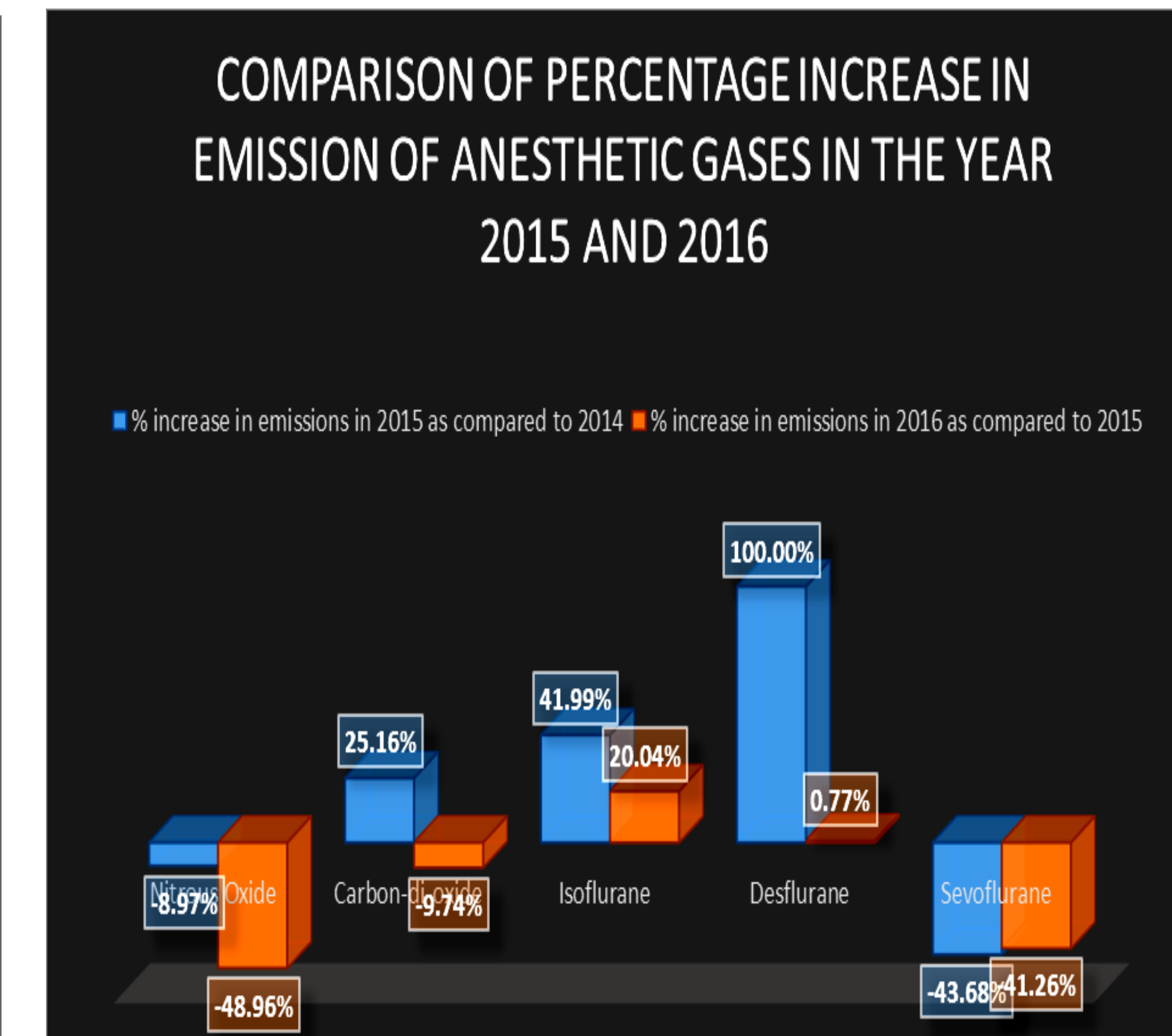
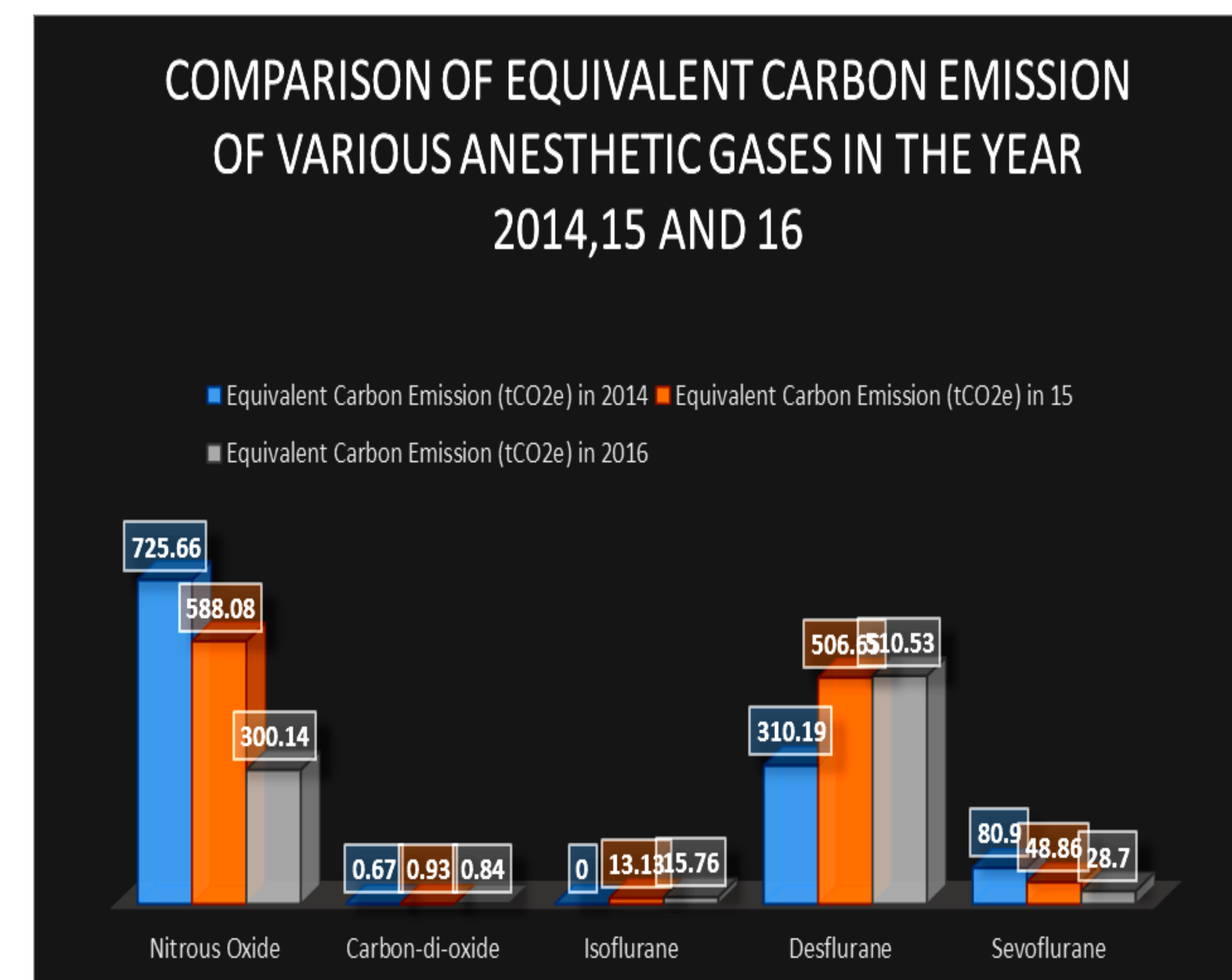
RATING ELEMENTS OF



RECOMMENDATIONS:

- The use of anesthetic gases which has low global warming potential should be encouraged thereby sevoflurane which has lowest global warming potential of 349 must be used in maximum amount
- Low flow anesthesia practice should be encouraged among anesthetists in order to reduce the consumption of anesthetic agents
- Training should be inducted by HOD anesthetist to encourage the practice of low flow anesthesia among anesthetists.
- Regular fire mock drills should be arranged for OT staff in order to check the compliance

DATA ANALYSIS



GREEN OT PROFILE

Assessment Tool Criteria	Green Range	Green Result	Yellow Result	Red Result	Assessment Result
A Management Commitment-80%	100%	80%	60%	59%	81%
B Pre Operational Activities - 80%	100%	80%	60%	59%	85%
C Activities during Operation - 80%	100%	80%	60%	59%	87%
D Post Operation Activities - 80%	100%	80%	60%	59%	89%
E Training & Awareness - 80%	100%	80%	60%	59%	89%
		80%	60%	59%	86%
Range		=>80	79 to 60	=<59	