DEVELOPMENT OF A PEDIATRIC PERIOPERATIVE PROGRAM

BACKGROUND

We are a collaborative group of medical professionals. Our team includes a pediatric anesthesiologist, surgeons, operating room nurses, operating room management, pre-operative and post-operative unit staff.

LONG-TERM VISION

Our long-term vison is to become a pediatric care specialty center for the Northern California Central Valley Region. This will be accomplished by expanding our current services for our pediatric members to including infants less than 12 months old. Surgical services are to include general surgery, ENT, and orthopedic surgery. This is a multi-layered process that includes both inpatient and outpatient perioperative services.

PLANNING & PREPARATION

EQUIPMENT & SUPPLIES

Team members met to collaborate and brainstorm. We assessed what supplies & equipment were already available to us and what would be need. The need was identified to create a emergency pediatric foreign body airway cart. Current pediatric anesthesia cart, and pediatric crash cart are appropriate and will continue to be utilized.

CONTINUING EDUCATON

Nursing Staff is already PALS certified. All staff would need specific education and training to care for the unique age group.
- Critical event simulations
- Competencies were updated to reflect all age populations.
- Hands on skills IV placement by circulator or 2nd anesthesiologist post mask induction of anesthesia.
- Pediatric specific education and workflow would need to be developed and shared with staff

ASSESMENT

PEOPLE

All staff will be required to care for pediatric patients, yet we assessed which staff really wanted to take care of pediatric patients that are less than 12 months old. The goal is to have a core group of enthusiastic staff members who are comfortable caring for our youngest pediatric patients, beginning in pre-op and continuing through to discharge. This is important for the child, as well as the parents, care experience. This specialized team would include anesthesiologists, nurses, surgical techs, and anesthesia techs.

PLACES

Where will these cases be done was discussed? In the main operating room or the ambulatory surgery unit? Ideally, as we grow, we would like to have a designated area/room for these patients. It was determined that the most appropriate, and safest location for Pediatric patients less than 12 months of age is the main operating room.

IMPLEMENATION

EMERGENCY PEDIATRIC AIRWAY FOREIGN BODY CART

Pediatric RN leads in collaboration with ENT surgeons, developed a pediatric airway foreign body emergency cart. This cart is stocked with the supplies, equipment and instrumentation needed in order to clear a foreign body from the airway in a timely manner. In the event that such an emergency needs to come to the OR rapidly, staff need only to roll the cart into the OR, break the seal and open the needed supplies. The cart is checked daily by nursing staff to ensure the seal is not broken, as well as to monitor for expiring items. In the event the cart is utilized, the pediatric RN lead inventory's the cart, restocks and reseals the cart. It has proven to be a valuable tool.

STAFF EDUCATION

An educational presentation was created in collaboration with a pediatric RN lead & the pediatric anesthesiology lead "Care of the Pediatric Patient, Perioperative Workflow."

IMPLEMENATION

SIMULATIONS

Simulations are an effective teaching and learning tool. Our goal is to do 5 critical event simulations, twice a year. PALS skills are incorporated into simulations. Feedback is provided to staff during in real time. Debriefing is done post simulation to explore what participants learned, and to identify opportunities for improvement. The objective is to allow staff to practice communication and roles, as well as to evaluate themselves and the facility in order to improve patient outcomes.

OUTCOME

Our first pediatric case for a child less than 12 months old was completed successfully. Staff involved reported feeling prepared and comfortable during the case. We remain on our path to becoming a pediatric specialty center. As a team we continue to provide exceptional care to our youngest members.

Pediatric Lead Team Members:
Garrett Terracciano, MD
Jennifer Parsons, RN, CNOR, RNFA
Pamela Benavides, RN, CNOR
Beatrice Concepcion, RN

Author - Jennifer Parsons, RN, CNOR, RNFA
Advisor - Heather Swan, RN, BSN, CNOR
Presenter - Genise Hardman, RN

Use an agenda to outline your presentation

Topic 1

Topic 2

Topic 3

Topic 5

Topic 6

* Animation is built into this sample slide.

About this template

- This is the recommended 16:9 template, ideal for onscreen presentation.
(There is also a 4:3 format available, which is better for printing on letter-sized paper).

- Fonts and colors have been pre-programmed for ease of use and on-brand application.

- A quick orientation and usage guide is included on the following 9 pages.

- To begin, save/rename this file, remove these orientation slides, and start building your presentation!

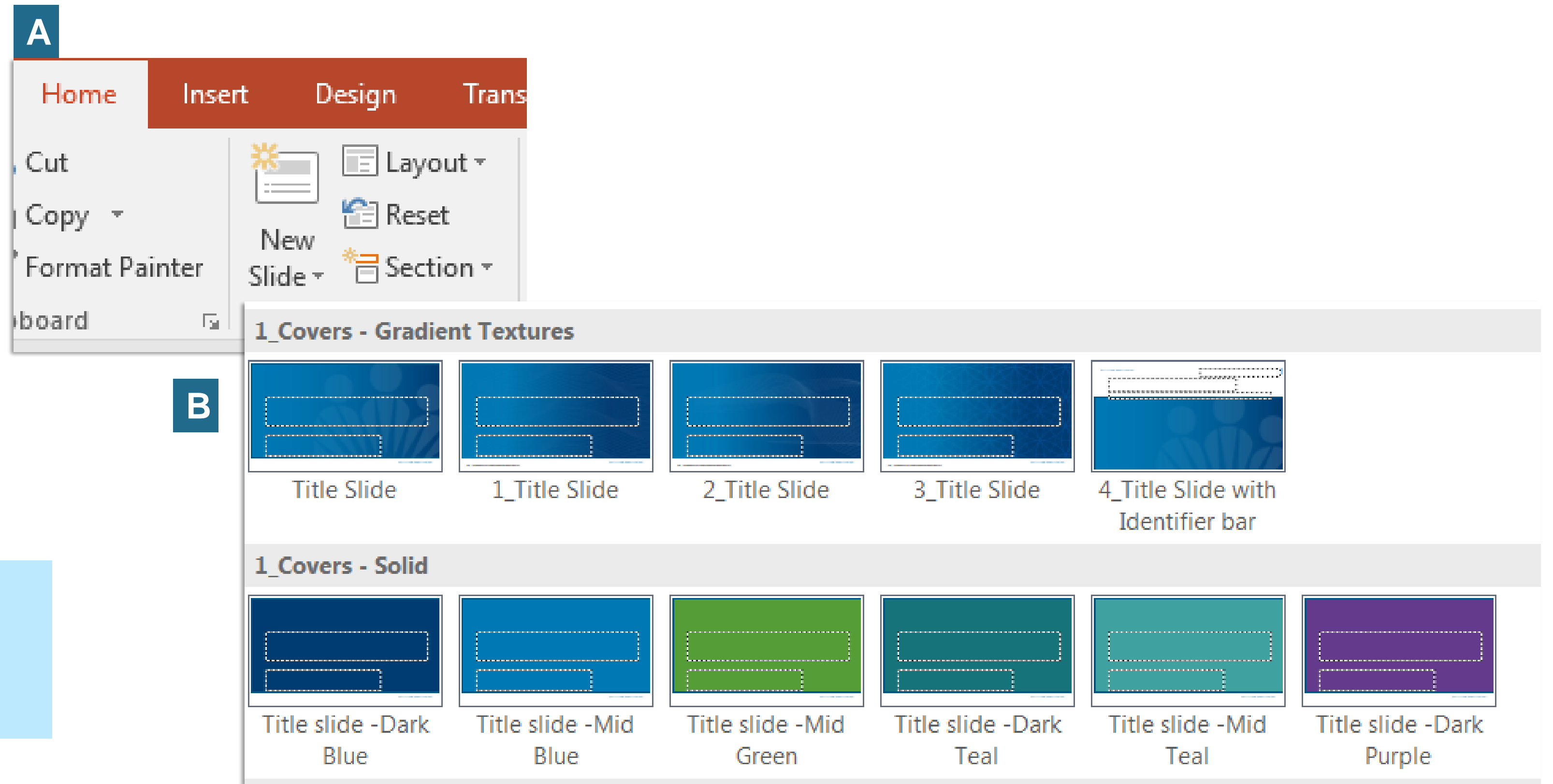## Slides included in this template

Covers
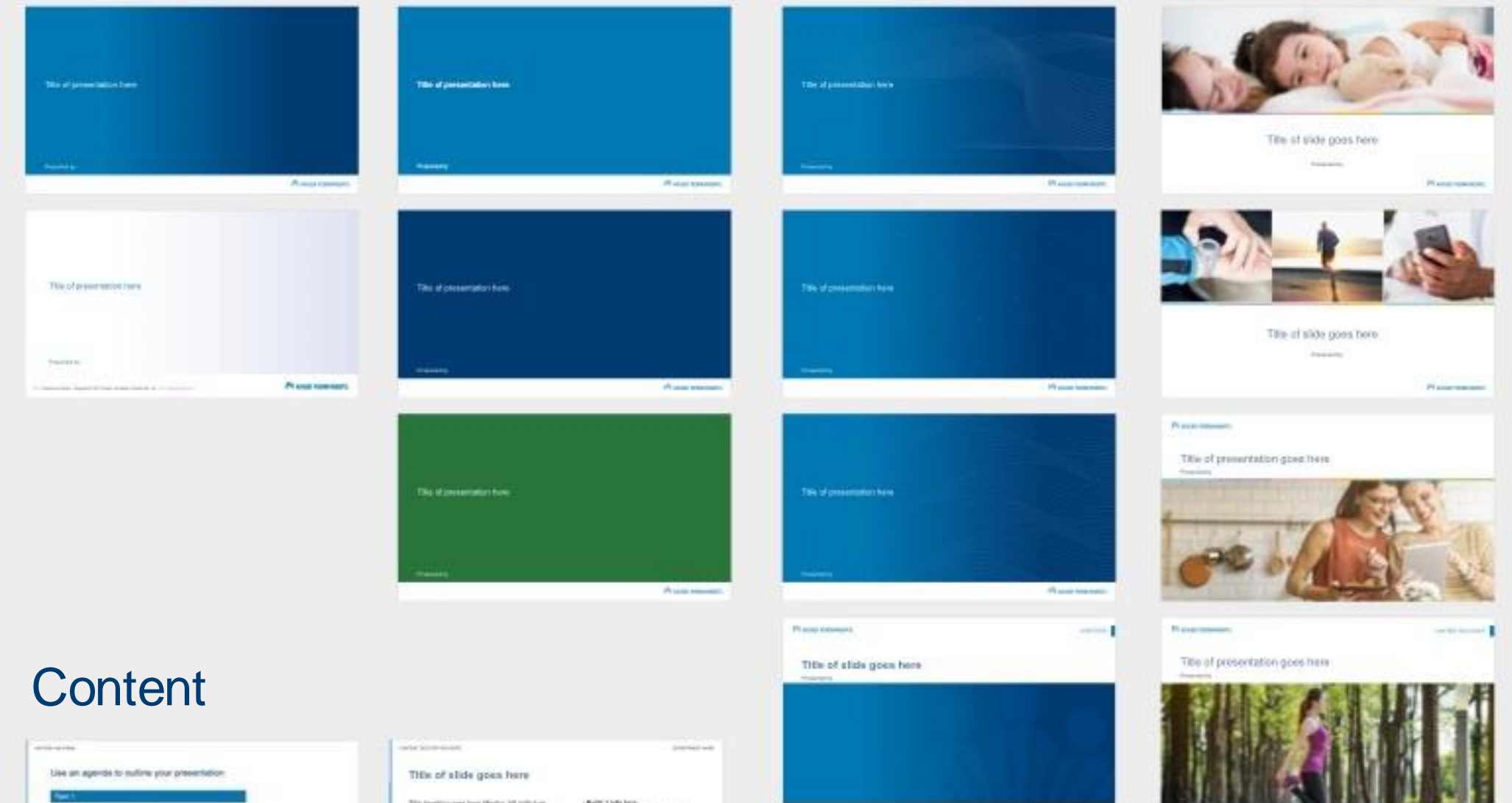
Content

Transitional

How to apply templates to your presentation

A From the **Home** tab select **New Slide**.

B Select desired slide template from the drop-down menu (cover slide options shown in example).

TIP
After applying layout, click on **Reset Slide** to ensure full conversion.

Using pre-set color theme, based on the brand palette

The template's built-in theme colors have been formulated to emulate KP's Brand palette. To maintain an on-brand look and feel, do not add to or alter the template colors.

PPT Template Theme Colors

MAIN COLOR PALETTE

SECONDARY COLOR PALETTE

Default Text Color 85% Black

Theme Colors
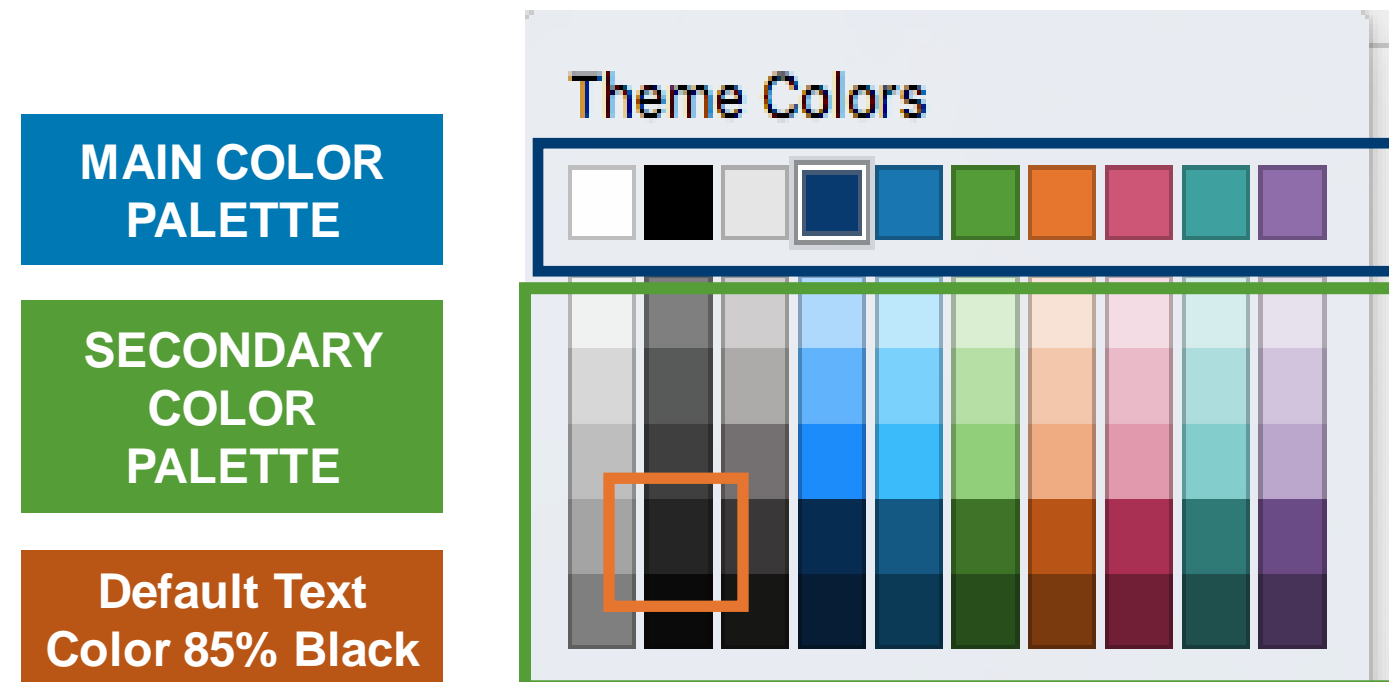
KP Color Palette

	Blue	Green	Orange	Rose	Teal	Purple	Grey
Dark							
Mid							
Light							

Worth a thousand words…

Photography is an integral part of our brand. Our images tell human stories in an authentic and unexpected way.

This template feature several **page lay-out options for images.**

Resize and crop the image as needed, but do not stretch or skew to make them fit — keep proportions intact.

Photos located in our Brand library are approved for use.

TIPS AND BEST PRACTICES

Add flair and focus to your numbers

Charts and graphs are a great way to present data, and there are many options to choose from in this template.

Apply the built-in color palette and choose between multi-colored or monochromatic display options.

Chart Title

Value
43
25
35
45

■ Category 1   ■ Category 2   ■ Category 3   ■ Category 4
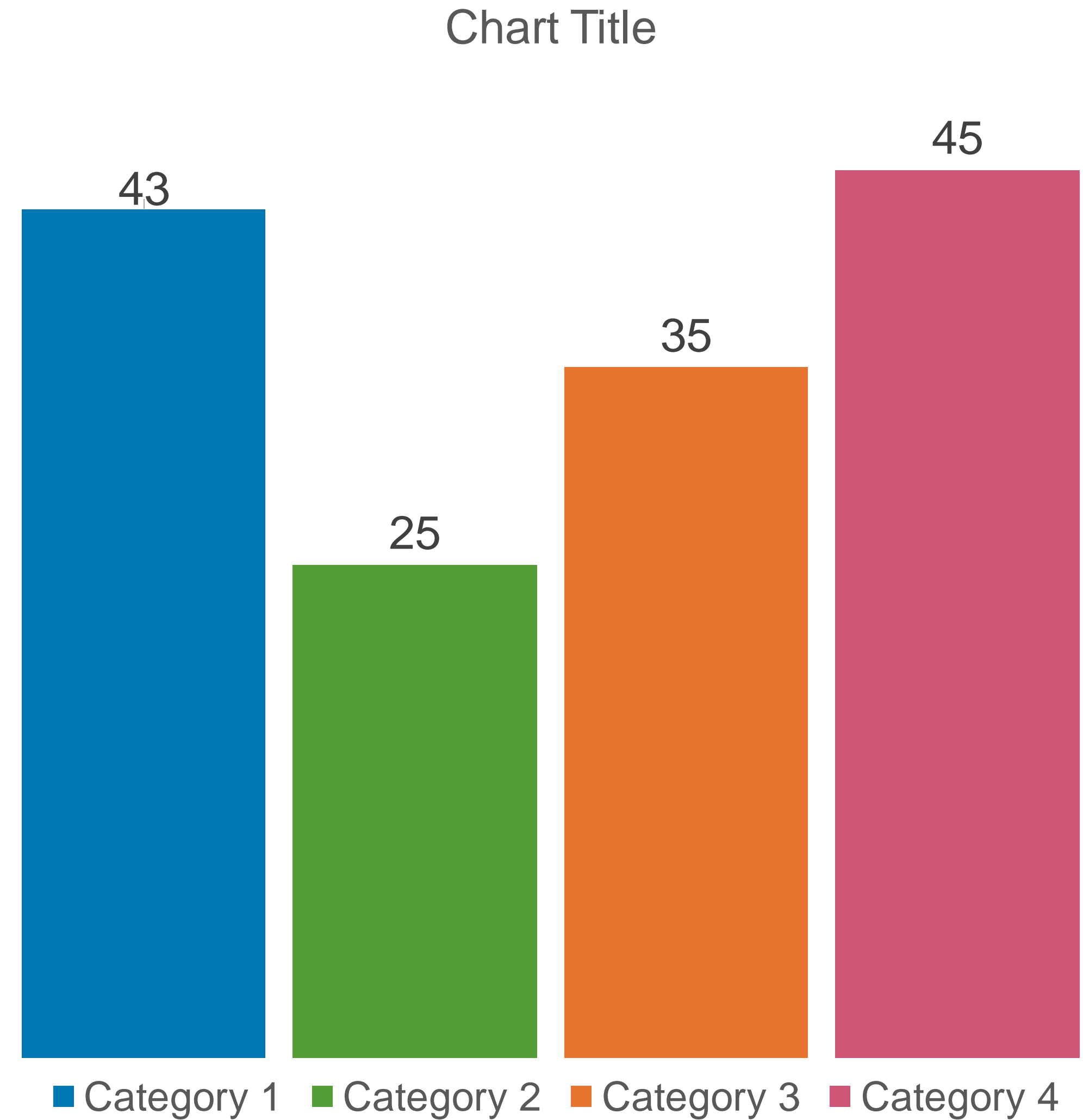
Typography — Less is MORE

Consistent and thoughtful typesetting will add hierarchy to your content, making it faster to scan and easier to understand.

- Stick to Arial, which is the most compatible branded font (every user has it)

- Apply consistent font sizes and cases

- Use **Bold**, color or *italic* sparingly to add emphasis (but do not go overboard)

- Avoid PowerPoint's "WordArt" styling

- Be generous with white space and don't crowd borders. A healthy and consistent (from slide to slide) border of white space will make your slides pop and look pro.

- Try to keep headlines in the same position on all slides (try not to move up or down) — this simple step will add solidity and uniformness to your presentation.

Icons can help make your point

Icons do a great job at calling attention to key content and breaking up text-heavy slides. The inherent simplicity of icon design can also help eliminate language and education barriers.

Download the KP iconography package

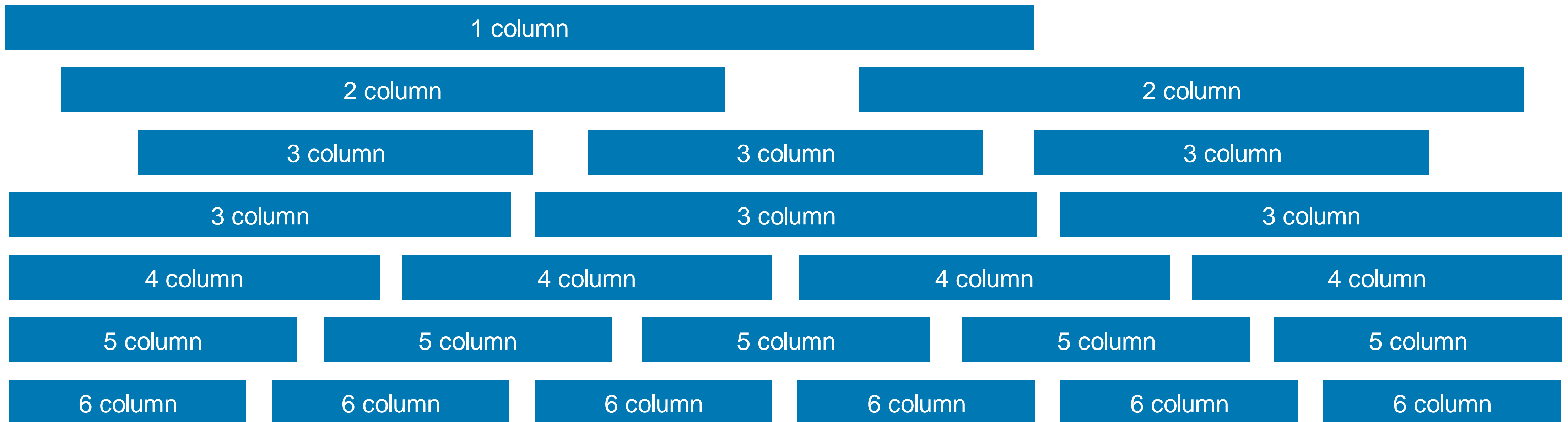Icons make it easier to quickly scan and comprehend complex information.

The height of the icon should be between 1½ and 3 times the point size of the text.

Keep icons purposeful and relevant to the content.

Icons are developed in partnership with Program Offices and should not be created independently.

The grid system – tools for better design

- Use the template grid system organize and prioritize complex information (click **View** tab, from the **Show** area, click on **Guides**)

- Use color to unify or separate content

- Blue boxes indicate how you can use the grid system to help align content

1 column

2 column	2 column

3 column	3 column	3 column

3 column	3 column	3 column

4 column	4 column	4 column	4 column

5 column	5 column	5 column	5 column	5 column

6 column	6 column	6 column	6 column	6 column	6 column

From the experts

Too busy

Write with as few words as possible. Too much text or content makes it hard for your audience to focus and retain the message. Less is more!

Confusing messaging

Make your point quickly and deliberately, in the most visible spot. Consider using the headline to deliver your main message up front.

Animation

Apply animation for a reason, not just because you can. It helps to pace or sequence your message, but it can also become a distraction.

Text not legible

Ensure legibility by maintaining enough contrast between text and background colors.

Bad color scheme

Keep it simple and avoid clashing colors. If you're not good with colors, just stick to 2 or 3 complementary colors for a clean, consistent look.

Clipart

Minimize the use of clipart, especially if there is no purpose. Use charts, graphs or photography instead to visually enhance your message.

More presentation tips