

TIME AND COST SAVINGS OF THE

COLOR METHOD

THE KEY TO ORGANIZATION

CASE STUDY



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Dr. Tanya Brown implemented Zirc's color-code organizational system in her dental practice, and measured the results.



Clinically, Dr. Brown **SAVED** an average of

1 HR 49 MIN

PER TREATMENT ROOM
PER DAY

SAVE **46 MIN** PER DAY ON INVENTORY CONTROL

Includes taking inventory, placing orders, unpacking/restocking of supplies

BEFORE	AFTER
COLOR METHOD	COLOR METHOD
6x	2x
PER WEEK	PER WEEK



BEFORE	AFTER
COLOR METHOD	COLOR METHOD
4 hr 50 min	60 min
PER WEEK	PER WEEK

SAVE **24 MIN** PER DAY BY STAYING AT CHAIRSIDE*

*If leaving the treatment room to locate missing materials mid-procedure takes an average of 3 minutes.

BEFORE	AFTER
COLOR METHOD	COLOR METHOD
10x	2x
PER DAY	PER DAY



TIME SPENT PER DAY	
BEFORE	AFTER
30 MIN	6 MIN

AVERAGE TIME SAVINGS PER PROCEDURE



3.8 min

INSTRUMENT & MATERIAL SET-UP

6.4 min



INSTRUMENT & MATERIAL TEARDOWN



2.25 min

LOADING ULTRASONIC



4.25 min

SORTING, POUCHING & LOADING AUTOCLAVE

Dr. Brown's case study was based upon

3 TREATMENT ROOMS

EACH ROOM AVERAGING

6 PROCEDURES PER DAY

How were Dr. Brown's time savings calculated?

Let's break it down ... ▶



Because Time Is Everything

www.zirc.com

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IMPLEMENTING THE COLOR METHOD

THE KEY TO ORGANIZATION

IN THE TREATMENT ROOM



INSTRUMENT & MATERIAL SET-UP

	BEFORE	AFTER	TIME SAVED
Crown/Bridge	10 min	5 min	5 min
Restorative	10 min	5 min	5 min
New Patient	7 min	3 min	4 min
Delivery	7 min	5 min	2 min
Denture PO Check	5 min	2 min	3 min

TOTAL AVERAGE **7.8 min** **4 min**
 AVERAGE TIME SAVINGS **3.8 min**
PER PROCEDURE **X 6 PROCEDURES PER ROOM**
 AVERAGE TIME SAVINGS **22.8 min**
PER DAY



INSTRUMENT & MATERIAL TEARDOWN

	BEFORE	AFTER	TIME SAVED
Crown/Bridge	15 min	5 min	10 min
Restorative	15 min	5 min	10 min
New Patient	7 min	5 min	2 min
Delivery	10 min	5 min	5 min
Denture PO Check	7 min	5 min	2 min

TOTAL AVERAGE **11.4 min** **5 min**
 AVERAGE TIME SAVINGS **6.4 min**
PER PROCEDURE **X 6 PROCEDURES PER ROOM**
 AVERAGE TIME SAVINGS **38.4 min**
PER DAY

IN THE STERILIZATION ROOM



LOADING ULTRASONIC

	BEFORE	AFTER	TIME SAVED
Crown/Bridge Set-up	5 min	3 min	2 min
Restorative Set-up	5 min	3 min	2 min
New Patient Set-up	3 min	30 sec	2.5 min
Delivery Set-up	3 min	30 sec	2.5 min

TOTAL AVERAGE **4 min** **1.75 min**
 AVERAGE TIME SAVINGS **2.25 min**
PER PROCEDURE **X 6 PROCEDURES**
 AVERAGE TIME SAVINGS **13.5 min**
PER DAY



SORTING, POUCHING & LOADING AUTOCLAVE

	BEFORE	AFTER	TIME SAVED
Crown/Bridge Set-up	10 min	7 min	3 min
Restorative Set-up	10 min	5 min	5 min
New Patient Set-up	10 min	3 min	7 min
Delivery Set-up	5 min	3 min	2 min

TOTAL AVERAGE **8.75 min** **4.5 min**
 AVERAGE TIME SAVINGS **4.25 min**
PER PROCEDURE **X 6 PROCEDURES**
 AVERAGE TIME SAVINGS **25.5 min**
PER DAY

Independent research conducted by Dr. Tanya Brown, utilizing color-code products from Zirc Dental Products, Inc. Study conducted for an 8 week period. Tracking occurred 4 weeks before implementing the Color Method, and 4 weeks after.