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Techniques

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surgical

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~~Spinal~~

~~Instrumentation:~~

~~Basic Concepts~~

~~\u0026~~

~~Biomechanics by~~

~~Paul Anderson,~~

~~M.D. Spine~~

~~Instruments -~~

~~Noojan Kazemi,~~

~~MD, FACS~~

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Absolute Coding
with Mrs Jay
(Coding Spine
Surgery
Procedures)

*Posterior Lumbar
Interbody Fusion
Overview*

~~Anterior Lumbar
Interbody Fusion
—Jack E. Zigler,
M.D., FACS~~

~~\u0026 Emre
Yilmaz, M.D.~~

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Spinal Fusion

(2010) Video

Atlas of Spine

Surgical

Techniques

~~Anterior Lumbar~~

~~Interbody Fusion~~

~~Overview A novel~~

~~growing rod~~

~~technique to~~

~~treat early-~~

~~onset scoliosis~~

~~(EOS): a step by~~

~~step 2D surgical~~

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~~video Lumbar~~

~~Decompression~~

~~Surgery~~

~~Techniques and~~

~~Tools Scoliosis~~

~~+ Scoliosis~~

~~Surgery +~~

~~Nucleus Health~~

Lumbar Spine

Pedicle Screw

Fixation Fusion

lawyer 3D

animations L5 S1

Spinal Fusion

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~~Instrumentation~~ ~~Week~~
~~One Recovery~~ **My**
Spinal Fusion
Surgeries \u0026
Advice! (see my
rods/screws)

Lumbar Fusion of
L5 S1 Animation
A look at Tiger
Woods' L5/S1
spinal fusion
back surgery L4
~~L5 Spinal~~
~~Fusion, 6 weeks~~

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~~Instrumentation~~
~~First~~
~~time getting up~~
~~3 hours post~~
~~lumbar fusion~~
~~surgery Lumbar~~
~~Fusion of L5~~
~~S1~~
~~transforaminal~~
~~interbody~~
~~animation~~
~~recreation~~
~~Lumbar Fusion~~
~~Surgery L3 L4 L5~~
~~8 days post op~~

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~~Instrumentation~~

~~Procedures~~

~~Lumbar~~

~~Laminectomy~~

~~\u0026~~

~~Discectomy~~

Spinal Fusion

One Year Post-Op

Posterior

Revision

Decompression

and Lumbar

Fusion Surgery

of the Spine

Online Library

Spinal

Spinal Fusion

Surgery | pt.1

EVEREST®

Minimally

Invasive

Surgical

Technique

Animation

Biomechanics of

Spine

Instrumentation

- Noojan Kazemi,

M.D., FACS,

FRACSLumbar

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Spinal canal
stenosis surgery
with full-
endoscopic
technique *Spine*

*Surgery:
Techniques,
Complication
Avoidance and
Management, 3rd
Edition Sang Hun
Lee, M.D. |
Orthopaedic
Spine Surgeon*

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**Surgery of the
Spine: From
Ancient Egypt to
Modern Times**

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biomechanics

improvements in
technology and
new knowledge of
the disease

process in the
spine have led
to rapid

advances in
spinal

instrumentation

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it not only
highlights the
newest devices
but also gives
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surgical
techniques
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Richard G.

Fessler. Thieme,

2005 - Spine -

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Reviews.

Provides a

complete guide

to all

contemporary

forms of spinal

implant systems.

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It not only highlights the newest devices, but also the clinical guidelines needed to choose and apply the best implant for any surgical situation. Along ...

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Richard G ...

Sep 01, 2020

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Library What Is
Spinal
Instrumentation
And Spinal

Fusion spinal
instrumentation
also known as
spinal implants
devices or
hardware uses
surgical
procedures to
implant titanium
titanium alloy

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Instrumentation
Surgical
Techniques
Stainless steel
or non metallic
devices into the
spine
instrumenta
tion

spinal
instrumentation
surgical
techniques
In particular
for lumbar spine
surgery our
popular

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McCulloch Lumbar Spine Retractor set offers excellent access for micro discectomy surgery in the lumbar spine approach. Available in a custom container with a broad range of blade sizes offered

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including deeper
blades for high
BMI patients.
Our Black Belt
Cervical
Retractor system
is the most
versatile and
widely used
retractor for
the Spinal
Surgeon used in
the anterior
cervical

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discectomy

approach to the
cervical spine.

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Mercian Surgical

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spine have led
to rapid

advances in
spinal

instrumentation

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fessler thieme

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forms of spinal

implant systems

it not only

highlights the

newest devices

but also the

clinical

guidelines

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Techniques [PDF,
EPUB, EBOOK]

spinal
instrumentation
surgical
techniques is
universally
compatible with
any devices to
surgical
approach the
surgical
approach is
carried out

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Spinal

Instrumentation

standard midline
incision to the
spinal column

over the

anatomic

position of the

spinous

processes the

incision should

be long enough

to ensure

exposure of the

levels to be

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surgical

approach is

based on

minimizing

morbidity and

maximizing

exposure as the

size location

and pathology of

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the lesion instrumentation

dictate zystonr

straight

interbody spacer

system surgical

technique guide

3 zimmer biomet

spine does not

practice

medicine this

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alloy stainless

steel or non

metallic devices

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Instrumentation
into the spine
strumentation
provides a
permanent
solution to
spinal
instability
there are many
different types
shapes and sizes

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spinal

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Library step 9

once the desired

length and

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contour of the
rod is achieved
the rod
introducing
forceps can be
used to fit the
rod into the
screws 10 rod
insertion daniel
h kim spinal

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Techniques [PDF]

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Instrumentation:
Surgical

Techniques. 1st

Edition. by

Lawrence G Lenke

(Author), Daniel

H. Kim (Editor),

Alexander R.

Vaccaro

(Editor),

Richard Glenn

Fessler (Editor)

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& 1 more. 5.0

out of 5 stars 1
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Description of

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Technique. This
unique

reconstructive
technique uses
the anterior
aspect of the
iliac crest with
its attached
muscle pedicle
to provide a
biologic
scaffold for
healing. The

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Instrumentation

secured with
pedicle screws
into the

posterior column
and S1 vertebral
body with a
spinal rod
locked in
compression.

Surgical
Technique:
Iliosacral

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Spinal

Reconstruction
With Minimal ...
Surgical
Techniques

An all-inclusive
review of
instruments with
direct
comparisons
Better
understanding of
biomechanics,
improvements in
technology, and
new knowledge of
the disease

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Instrumentation
Surgical
Techniques

process in the spine have led to rapid advances in spinal instrumentation. This book is your complete guide to all contemporary forms of spinal implant systems.

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Better understanding of biomechanics, improvements in technology, and new knowledge of the disease process in the spine have led to rapid advances in spinal instrumentation.

This book is

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It not only
highlights the
newest devices,
but also gives
you the clinical
guidelines you
need to choose
and apply the
best implant for

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any surgical
situation. Along
with an all-
inclusive list
of the spinal
instruments
available today,
the book offers
direct
comparisons of
each system to
help you make an
informed and
confident

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Instrumentation of
all implants and
their
Surgical
Techniques.
applications.

Here is your
single
authoritative
source for
upgrading your
knowledge and
skill set in
current implant
systems. No
spine surgeon,

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Instrumentation

orthopedic surgeon, neurosurgeon, or resident should be without this encyclopedic volume.

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the disease
process in the
spine have led
to rapid
advances in
spinal
instrumentation.

This book is
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implant systems.

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It not only highlights the newest devices, but also gives you the clinical guidelines you need to choose and apply the best implant for any surgical situation.

The
quintessential

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Instrumentation
of-the-art
Surgical
Techniques
instrumentation
in minimally
invasive spine
surgery In
recent decades,
technological
innovations in
minimally
invasive surgery
(MIS) have
revolutionized
spine surgery.

Online Library

Spinal

The integration of devices tailored to MIS spine techniques has allowed spine surgeons to tackle more complex spinal pathologies and generate new ways to improve clinical outcomes.

Instrumentation

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Spinal

for Minimally
Invasive Spine
Surgery by
renowned

orthopaedic
surgeon Kern
Singh and
esteemed
collaborators,
provides
practical,
evidence-based
insights into
important

Online Library

Spinal

Instrumentation

decisions spine
surgeons face
every day. The
primary goal of
this book is to
help spine
surgeons
navigate a
daunting number
of available
devices and
leverage the
optimal ones to

Online Library

Spinal

achieve improved
patient
outcomes.

Organized in 3
parts and 16
chapters, the
text starts with
the past,
present, and
future of MIS
spinal
instrumentation.
The first two
parts detail

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cutting-edge

posterior and

lateral

approaches with

discussion of

required

devices. The

final part

covers

percutaneous

cement

augmentation,

biologics, and

navigation

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Instrumentation
The text combines a thorough review of empirical literature with expert experience and manufacturer specifications to elucidate the advantages and capabilities of currently available

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Instrumentation.

Key Highlights

Discussion of
commonly used

MIS spinal

instrumentation

including

retractors;

percutaneous

pedicle,

cortical, and

facet screw

systems;

interbody cages;

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Instrumentation

systems Concise,
yet in-depth
technical

descriptions
include an
introduction and
potential
complications,
followed by
design features,
modular aspects,
applicable
procedures, and

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compatible
devices for each
type High-
quality detailed
images provide
greater
understanding of
techniques This
unique book is
an essential
surgical
companion for
orthopaedic and
neurosurgical

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Instrumentation and
fellows, as well
as spine
surgeons who
wish to
incorporate MIS
techniques into
clinical
practice.

This book has
become necessary
as a consequence
of the rapid

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Spinal

expansion of the
surgical
procedures and
implants
available for
spinal surgery
within the "A0
Group". We have
not attempted to
write an in-
depth book on
spinal surgery,
but one which
will help the

Online Library

Spinal

Instrumentation
use of AO
Surgical
Techniques

concepts and
implants. We con
sider the
practical
courses held all
over the world
essential for
the teaching of
sound techniques
so that
technical
complications

Online Library

Spinal

Instrumentation
Surgical
Techniques

and poor results
can be avoid ed
for both the
surgeon and, in
particular the
patient. This
book is a
practical manual
and an outline
of what is
taught in the
courses. It is
intended to help
the young spinal

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Spinal

Instrumentation

understand the correct use of AO implants. The indications given will aid the correct use of each procedure. . It must be strongly emphasized that surgery of the spine is technically de

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Instrumentation

The techniques described in this book should only be undertaken by surgeons who are trained and experienced in spinal surgery. Certain techniques, in particular pedicle screw

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Instrumentation
Surgical
Techniques

fixation and cages, have not yet been fully approved by the FDA in the United States. However, throughout the rest of the world, the use of pedicle screws has become a standard

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Spinal

Instrumentation for

the spine

surgeon, since

it has been

shown to improve

fixation

techniques and

allow segmental

correction of

the spine. The

use of cages has

become more and

more popular,

specifically as

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Instrumentation
minimally
invasive spinal
surgery.

This exciting
new edition is a
single-volume
resource that
spine surgeons
can consult for
a clear,
comprehensive
view of current

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Instrumentation

instrumentation.

The book

presents in-

depth

discussions of

all the systems

used in spine

surgery, by the

authorities who

developed these

systems. The

organization

includes

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Instrumentation

anatomy, fusion
techniques, and
surgical

indications.

Biomechanics,

surgical

techniques,

clinical

outcomes and

complications

are also

included.

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Instrumentation to meet
the evolving
needs of the
practising
spinal surgeon,
this modern and
definitive
volume adopts a
regional and tec
hnicque-specific
approach to
surgical spinal
stabilisation
and spinal

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implants.

Appropriate
specialists
offer a thorough
appraisal of the
theory of design
of implants
(including
design
constraints), and
optional
surgical
procedures
available to the

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Spinal

Instrumentation
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Techniques

Surgeon are fully reviewed. Full procedural descriptions are accompanied by numerous illustrations and detailed discussion of the complications which can arise during treatment is included.

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Medico-legal and ethical issues are also appraised.

Written by internationally recognized experts, this book is a comprehensive, practical guide to prevention, recognition, and

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management of complications in spine surgery. Sections cover the cervical spine and the thoracolumbar/lumbosacral spine and discuss the full range of complications that may be encountered, including those

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Instrumentation with
the newest
technologies,
Surgical
Techniques, and
procedures, and
instrumentation.
Each chapter
focuses on a
specific type of
problem and
presents "how-
to" strategies
for avoiding and
managing the
problem in

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Instrumentation

surgical
procedures. Of
special note are
the detailed
discussions of
complications
related to
instrumentation.
Each chapter
includes
extensive, up-to-
date references.
More than 150

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illustrations

complement the
text.

Surgical
Techniques

The second
edition of
Synopsis of
Spine Surgery
uses a succinct,
easily
accessible
outline format
to present the
latest

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diagnostic and
management
techniques for a
range of spine
problems. The
book opens with
review of
general
principles,
including
anatomy,
surgical
approaches, the
physical

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Spinal

examination,

imaging and

diagnostic

testing,

biomechanics of

the spine and

instrumentation,

and the

physiology of

bone grafting.

In the chapters

that follow, the

authors share

their clinical

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expertise on the management of degenerative spinal conditions, deformities, and trauma, as well as on special topics such as tumors, infections, rheumatoid arthritis, seronegative spo

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Instrumentation
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Indyloarthropathies, and pediatric spine disorders.

Features:

Succinct outline format speeds reader through review of the goals of treatment, evaluation, classification of injuries,

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diagnosis, instrumentation

prognosis,

indications,

surgical

treatments, and

nonoperative

treatment

options,

including

pharmacologic

intervention

Precise line

drawings aid

comprehension of

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Instrumentation

approaches and
techniques New
chapters cover

biological
implants and
motion sparing
devices

Annotated
bibliography
provides reader
with key
references for
further study

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Handy portable
size is ideal
for busy
physicians on
the move

Synopsis of
Spine Surgery
will enable
orthopedic
surgeons, spine
surgeons,
neurosurgeons,
physiatrists,
pain management

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Specialists, and trainees, residents, and fellows in these specialties to optimize patient care. With its concise, easy-to-read format, the book is ideal for residents preparing for their annual in-service

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Instrumentation. It will also help medical students prepare for spine surgery rotations.

In the last two decades, spine instrumentation and surgery have undergone many improvements. The second

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Instrumentation

benefits
from

Surgical
Techniques
contributions by
renowned

orthopaedic
surgeons and
neurosurgeons

who helped
create and
refine the
systems

described in the
book, and
devoted their

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Instrumentation

educating next
generations of
spine surgeons.

Advancements in
instrumentation
- plates, cages,
rods, screws,
disc
replacements,
spacers, and
fusion devices -
have led to
improved

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Instrumentation
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outcomes for patients. The spinal device field has grown exponentially, and surgeons are faced with an increasingly diverse choice of instrumentation options. While the first edition

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Instrumentation

available

systems, the new

edition is

focused on

helping

clinicians avoid

complications

and quickly

recognize and

manage

complications

when they do

occur. Key

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Instrumentation

concise yet
comprehensive
reference that
educates
clinicians on
the causes,
recognition, and
avoidance of
instrumentation
complications
Organized by
anatomical
region and

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Instrumentation, the
visualization of
relevant
anatomical
landmarks is
discussed in
context with
safe use of
spinal
instrumentation
Now four-color,
with more than
230 new and
original

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Instrumentation

Easy-to-digest

text helps

translate

classroom

knowledge into

clinical

application This

up-to-date book

will help

orthopaedic

surgeons and

neurosurgeons

learn how to

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utilize spinal
devices more
efficaciously
and safely. The
text is also an
excellent
reference for
radiologists,
spine fellows
and residents,
and physician
extenders who
are interested
in attaining

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experience in
spinal
instrumentation.

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