





coLigne

a strategy in communication



## standing out to make a difference

Making our strategy visible to the world. For several years, coLigne has worked with surgeons and our corporate partners to develop novel and practical spinal technologies. Each reflects the best of many talented and devoted people, each a strategy useful for all. This book represents coLigne's debut in presenting this work to others.



i had a dream  
my pain was gone

coLigne's work begins with the patient. It can be a question, a need, a hope. To walk, to run, to sit, to hold a glass. Such needs may be simple, yet the challenge to achieve them is vast.



i want to know more  
do not tell me the details

The patient knows more, hopes for more and is willing to wait less. As spine surgery improves, our means to provide it must become more effective, more efficient. At the same time, the expense must be less.



# the surgeon is alone before the patient

The surgeon must treat the patient. This means not only the patient's pathology. Medical art and science must transform the patient's expectations into what can be possible. With the patient, the surgeon builds a plan for treatment, a proposal of effort and gain. Part of the surgeon's plan is the chosen technology.





# the surgeon must choose his team

Surgery is not practiced alone. All competencies must be assembled for the surgical plan.  
The right expertise must be present at one moment for the surgeon to succeed.





serving  
by observing

coligne's first corporate act is to strive to understand the question of the day, to know the place it occurs and perceive what must be achieved. We must imagine paths for action.



## wisdom found in trees

"Looking up from our biomechanical test report and staring out the window at a tree, we understood we could apply to ostaPek technology what anatomists and carpenters had understood for years. Nature orients its fibers to forces upon its structures. Our machine test data only replicated what nature was doing around us. The information had been before us all along."  
(coLigne implant designer's journal)



## technology transforms long fiber ostaPek

Each bone rebuilds its specific structure according to its role and the forces upon it. ostaPek long fiber composite is trabeculae engineered to work as scaffolding that replicates the anisotropic structure of a specific bone, where strength and stiffness vary in each direction. For all fusion surgery, this is designed to promote a more viable bridge of bone as it is renewed over the patient's life. ostaPek composite is an observation about biology turned into spinal technology. The corner stone of several pending patents, ostaPek is unique from coLigne and part of the medical process that appears in many implant designs.



the right  
touch

Through a coLigne instrument, surgery passes from the surgeon to the patient. Each must be built for the philosophy of treatment, the specific gesture and for the many hands that rise from different surgical traditions. Instrument design at coLigne is a process of continuous renewal, a constant quest for better methods, more effective procedures, and simpler ways.



implanting  
ideas that remain

coligne implants begin as thoughts that are transformed from materials into methods for surgical treatment. They must reflect today's expectations, tomorrow's hopes and a wisely chosen strategy. The implant remains to become part of the patient's return to function. It is the surgeon's signature of his work.



# surgery is details

Each component must function. All must be suited for the moment, the purpose, the patient, the surgeon's act. The path may change, but there is no turning back. Each procedure must always be completed.





surgery  
is speed

All movements must flow. Each member of the surgical team must respond with the right gesture and the right knowledge chosen for the patient and procedure. Adjustments are continuously made, guided by the surgeon. The company must follow.



telling  
the world

No one leaves a surgical procedure the same. Small things can change a life. The patient's surgery, the chosen spine technology and the surgeon's act are experienced from that moment on. This story echoes out from the patient to the family, from colleague to colleague, into the community and beyond.



# innovation is tradition transformed

Two people watch the same thing, describe a separate problem, present contradictory solutions. New technology is found somewhere in between. The need for progress moves relentlessly on. The forms, methods and materials of spine technology must improve. History must be considered while new approaches are explored to work with others. In this continuous process, surgery is renewed and coLigne technology evolves to carry surgery further.





# coAlliance

knowledge and action connected

It is the source for change, improvement and inspiration. Assembled from different fields and cultures, composed of different generations, the coAlliance celebrates diversity and shares challenge. Whether medical or corporate, coAlliance members discuss, debate and teach others what has been learned, what might be used in a manner not yet imagined. There is participation and respect, a feeling of growth, of reaching beyond what is known today and striving to make things possible for others. It is the name for our unique rapport, demonstrated by the technology we provide. The coAlliance.



endurance,  
growth and profit

A business is the institution uniquely suited to transform ideas into technology that works for others. It is a method to adapt what is learned in one country to the needs of many. It is a way to bridge differences into one common purpose: improving surgery of the spine. coLigne is a business built for profit. Yet our growth must also be the growth of others. This is the means to endure, to adapt, to change and to evolve. It is the way to carry coLigne surgeons' work through out the world of spine.



## the instrument of change

Over the last several years, with talents and efforts of many, coLigne has evolved from product importer to technology maker. Patents have been filed. Biomaterials invented and explored. Studies have been performed, taught and published. New implants and instruments have created new surgeries, better treatments and clearer ways to address the patient. We have grown. Spine surgery continues to improve. We now must reach into the coLigne experience, pull up these tools and make them work for many. It is time to teach, to publish, to invite guests to our operating rooms and to join others abroad. Once again, we invite you for the next challenge: give new forms to our substance and communicate the coLigne strategy in spine.





Dedicated to Prof. Y. Suezawa  
January 10th, 1940 to March 17th, 1994  
The first surgeon to endorse coLigne as a manufacturer of implants.  
Our constant inspiration for the strategy in spine.



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